

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086776.D
 Acq On : 7 May 2016 16:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 08 00:05:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	230366	40.00	ng	-0.03
21) Naphthalene-d8	8.00	136	954820	40.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	430747	40.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	729534	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	454970	40.00	ng	-0.03
86) Perylene-d12	15.23	264	437340	40.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1043750	75.01	ng	-0.02
7) Phenol-d6	6.37	99	1334793	71.21	ng	0.00
23) Nitrobenzene-d5	7.29	82	1455787	78.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	313430	74.38	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1944115	73.98	ng	-0.03
78) Terphenyl-d14	12.81	244	1871028	83.11	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	263743	36.67	ng	# 71
3) Pyridine	2.92	79	633030	35.89	ng	# 68
4) n-Nitrosodimethylamine	2.86	42	475079	44.41	ng	# 50
6) Aniline	6.38	93	807208	34.89	ng	# 1
8) 2-Chlorophenol	6.50	128	642044	38.45	ng	92
9) Benzaldehyde	6.26	77	369403	39.50	ng	96
10) Phenol	6.38	94	817780	39.88	ng	# 55
11) bis(2-Chloroethyl)ether	6.45	93	611889	34.67	ng	86
12) 1,3-Dichlorobenzene	6.65	146	706379	39.84	ng	97
13) 1,4-Dichlorobenzene	6.73	146	706996	38.56	ng	98
14) 1,2-Dichlorobenzene	6.88	146	564883	35.39	ng	96
15) Benzyl Alcohol	6.86	79	475440	39.21	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1378819	38.21	ng	53
17) 2-Methylphenol	7.15	107	642516	47.79	ng	85
18) Hexachloroethane	7.22	117	283125	40.90	ng	# 89
19) n-Nitroso-di-n-propylamine	7.14	70	467487	36.50	ng	# 67
20) 3+4-Methylphenols	7.15	107	650889	41.34	ng	# 59
22) Acetophenone	7.13	105	944633	42.46	ng	# 96
24) Nitrobenzene	7.30	77	692618	36.06	ng	95
25) Isophorone	7.55	82	1373417	39.69	ng	97
26) 2-Nitrophenol	7.62	139	363788	42.44	ng	# 83
27) 2,4-Dimethylphenol	7.68	122	574646	38.18	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	733734	38.53	ng	98
29) 2,4-Dichlorophenol	7.87	162	516384	39.90	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	576521	39.93	ng	97
31) Naphthalene	8.02	128	1854980	38.03	ng	98
32) Benzoic acid	7.85	122	469500	74.36	ng	94
33) 4-Chloroaniline	8.08	127	664268	35.15	ng	# 90
34) Hexachlorobutadiene	8.13	225	322844	39.39	ng	98
35) Caprolactam	8.49	113	157281	39.27	ng	# 56
36) 4-Chloro-3-methylphenol	8.58	107	604236	40.93	ng	98
37) 2-Methylnaphthalene	8.70	142	1028007	35.72	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	536919	43.06	ng	99
40) Hexachlorocyclopentadiene	8.85	237	262269	48.28	ng	96

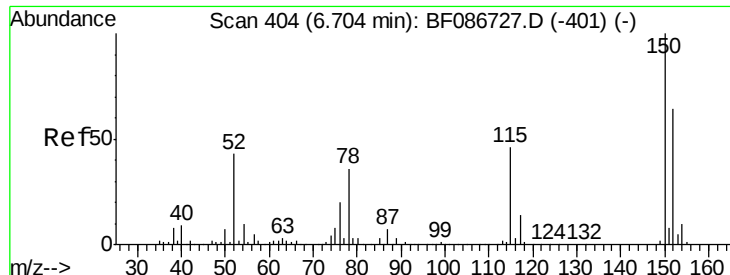
Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	329275	41.53	ng	94
43) 2,4,5-Trichlorophenol	9.04	196	343714	41.50	ng #	84
45) 1,1'-Biphenyl	9.17	154	1387127	39.39	ng	96
46) 2-Chloronaphthalene	9.20	162	1058316	38.94	ng	95
47) 2-Nitroaniline	9.30	65	365875	37.87	ng #	73
48) Acenaphthylene	9.61	152	1528397	37.89	ng	99
49) Dimethylphthalate	9.48	163	1249993	38.93	ng	99
50) 2,6-Dinitrotoluene	9.55	165	302830	43.94	ng #	76
51) Acenaphthene	9.78	154	964448	36.24	ng	99
52) 3-Nitroaniline	9.72	138	292184	37.30	ng	95
53) 2,4-Dinitrophenol	9.82	184	137390	59.05	ng	85
54) Dibenzofuran	9.95	168	1192723	36.16	ng	93
55) 4-Nitrophenol	9.89	139	164175	35.95	ng #	43
56) 2,4-Dinitrotoluene	9.95	165	339303	39.73	ng #	88
57) Fluorene	10.29	166	1080015	40.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	262778	43.20	ng	98
59) Diethylphthalate	10.18	149	1189376	39.13	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	448598	35.30	ng	97
61) 4-Nitroaniline	10.34	138	282465	37.52	ng #	78
62) Azobenzene	10.44	77	1225350	36.38	ng	85
64) 4,6-Dinitro-2-methylphenol	10.36	198	198569	52.20	ng	77
65) n-Nitrosodiphenylamine	10.41	169	843213	36.40	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	307336	42.39	ng	94
67) Hexachlorobenzene	10.83	284	340992	38.57	ng #	66
68) Atrazine	10.94	200	299831	42.24	ng	95
69) Pentachlorophenol	11.04	266	203239	49.74	ng	96
70) Phenanthrene	11.24	178	1512108	38.59	ng	99
71) Anthracene	11.30	178	1529071	37.26	ng	99
72) Carbazole	11.46	167	1248880	35.05	ng	98
73) Di-n-butylphthalate	11.79	149	1584771	37.46	ng #	97
74) Fluoranthene	12.43	202	1562339	39.78	ng	95
76) Benzidine	12.56	184	366106	32.13	ng	97
77) Pyrene	12.66	202	1606810	44.30	ng	99
79) Butylbenzylphthalate	13.28	149	717073	47.20	ng #	63
80) Benzo(a)anthracene	13.84	228	1069687	41.57	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	741414	45.85	ng	99
82) Chrysene	13.88	228	1238543	45.12	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	864744	49.19	ng #	94
84) Di-n-octyl phthalate	14.45	149	1589180	61.43	ng #	84
85) Indeno(1,2,3-cd)pyrene	16.53	276	1013422	43.03	ng	96
87) Benzo(b)fluoranthene	14.88	252	2078418	79.09	ng #	95
88) Benzo(k)fluoranthene	14.88	252	2079396	83.98	ng	98
89) Benzo(a)pyrene	15.17	252	931605	38.49	ng	98
90) Dibenzo(a,h)anthracene	16.55	278	844308	36.31	ng #	95
91) Benzo(g,h,i)perylene	16.92	276	826704	33.86	ng #	91

(#) = 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. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

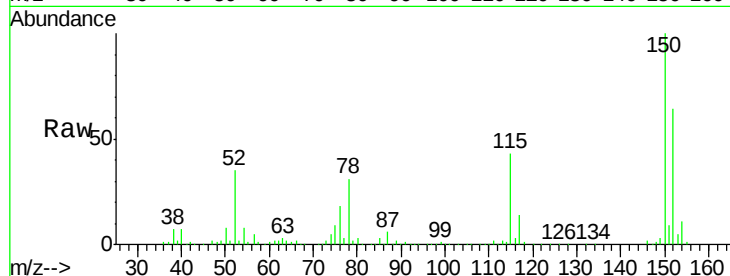
Tgt Ion:152 Resp: 230366

Ion Ratio Lower Upper

152 100

150 155.1 125.8 188.6

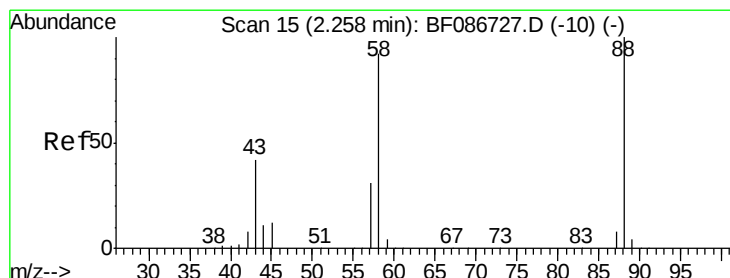
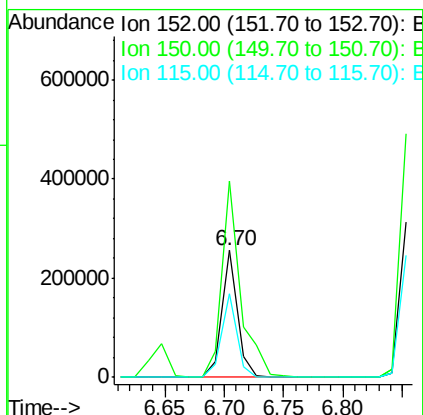
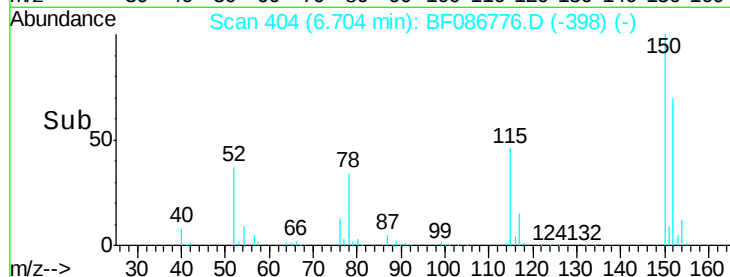
115 65.9 51.5 77.3



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: 36.67 ng

RT: 2.22 min Scan# 12

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

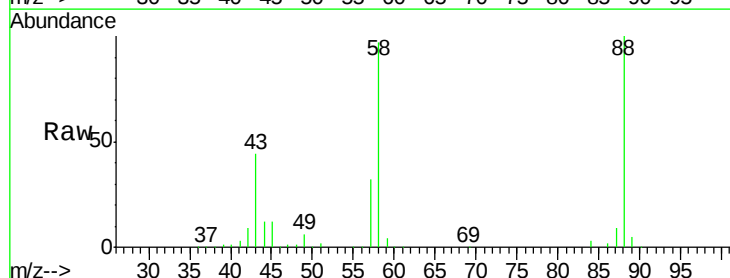
Tgt Ion: 88 Resp: 263743

Ion Ratio Lower Upper

88 100

58 97.6 59.6 89.4#

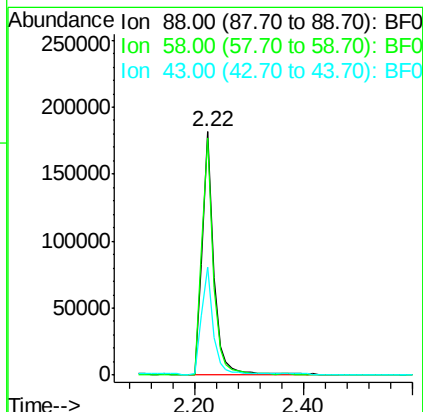
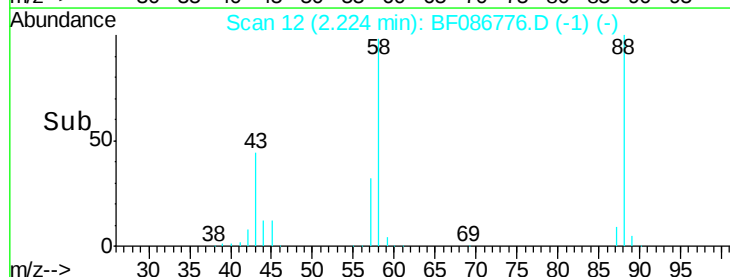
43 43.9 21.8 32.6#

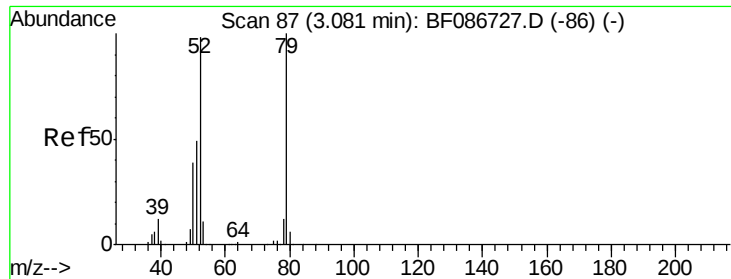


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

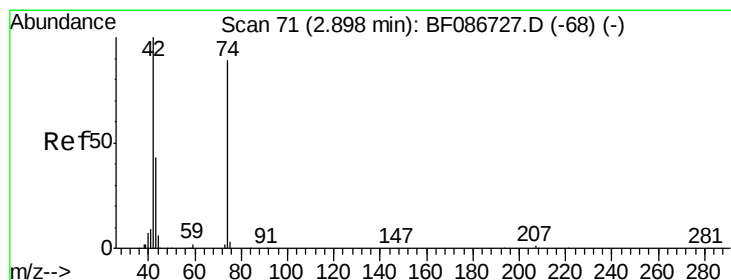
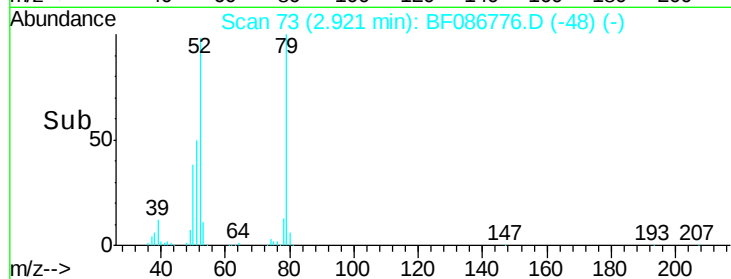
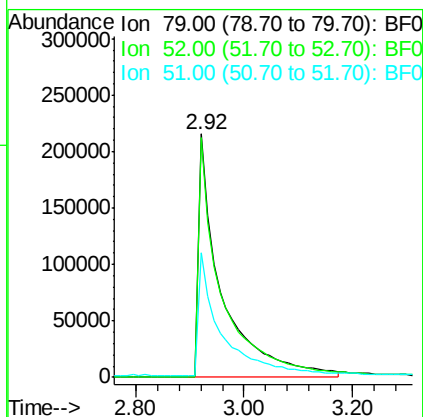
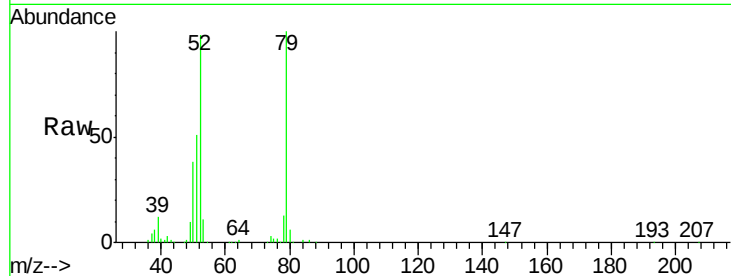




#3
 Pyridine
 Concen: 35.89 ng
 RT: 2.92 min Scan# 73
 Delta R.T. -0.01 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

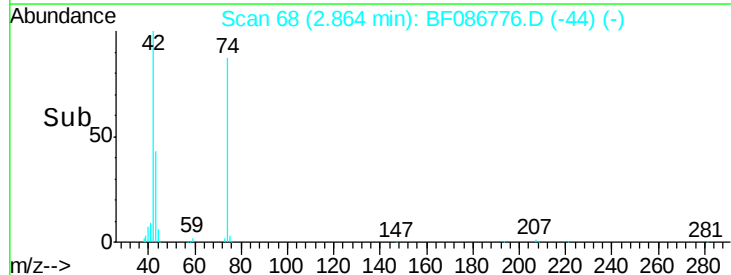
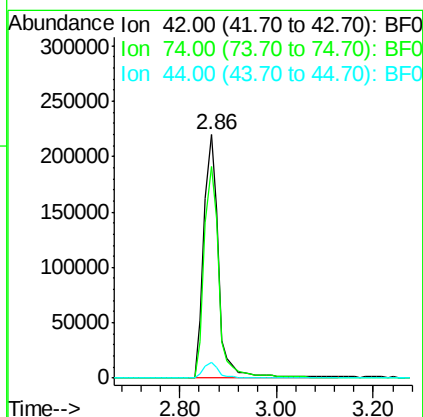
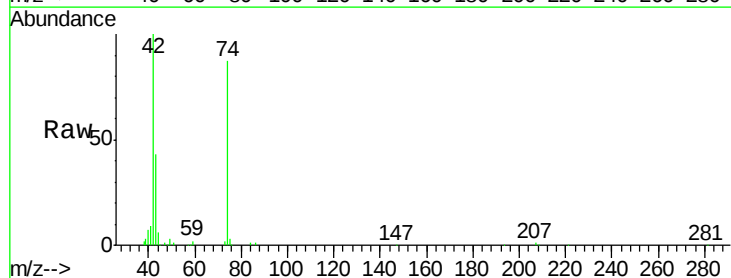
Instrument :
 BNA_F
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 SSTDCCC040EC

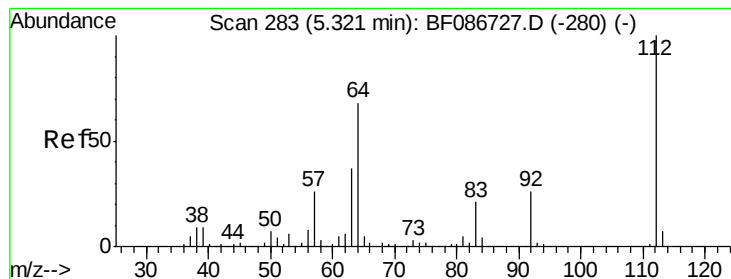
Tgt Ion: 79 Resp: 633030
 Ion Ratio Lower Upper
 79 100
 52 98.5 55.9 83.9#
 51 51.2 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 44.41 ng
 RT: 2.86 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion: 42 Resp: 475079
 Ion Ratio Lower Upper
 42 100
 74 87.0 123.4 185.0#
 44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 75.01 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

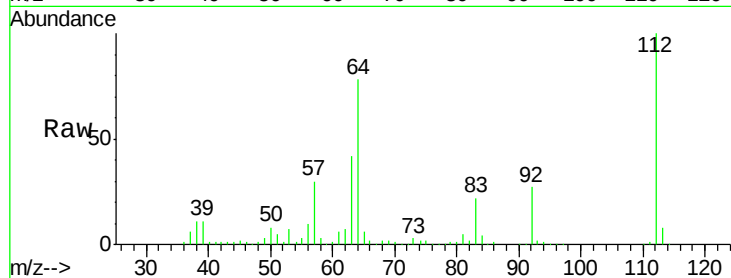
Tgt Ion: 112 Resp: 1043750

Ion Ratio Lower Upper

112 100

64 77.5 52.1 78.1

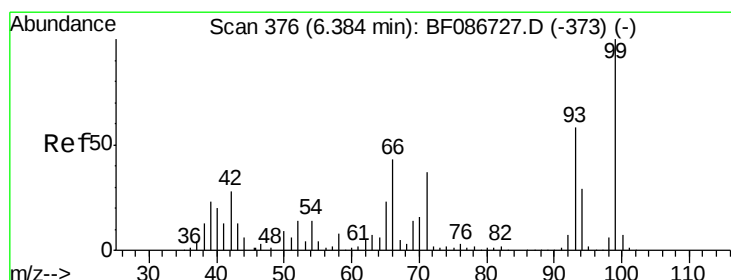
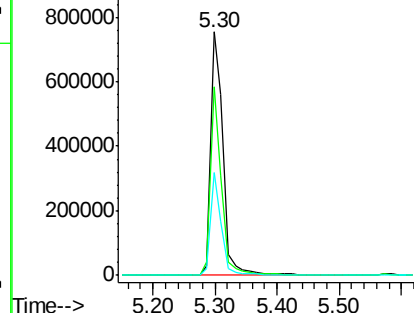
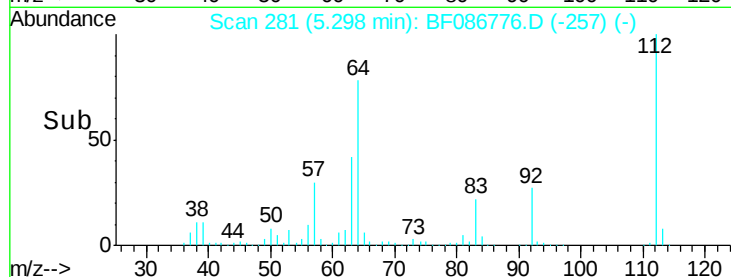
63 42.3 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.89 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

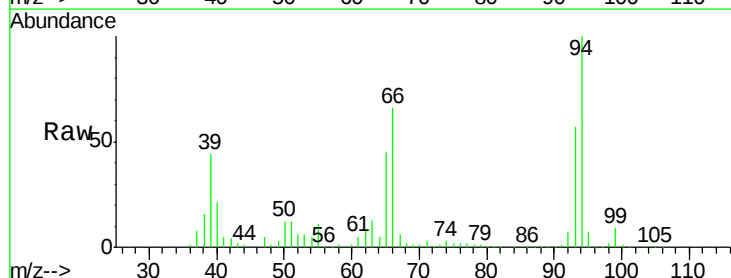
Tgt Ion: 93 Resp: 807208

Ion Ratio Lower Upper

93 100

66 115.3 39.0 58.6#

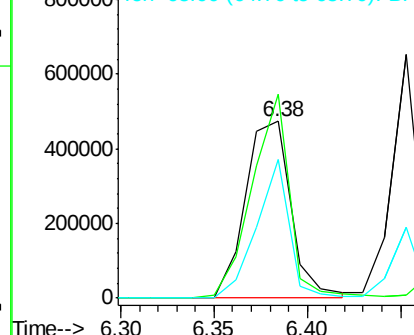
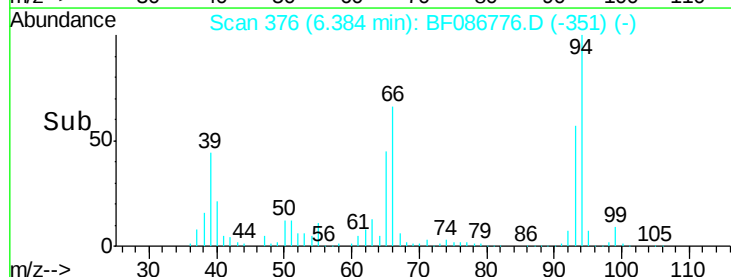
65 78.6 20.6 31.0#

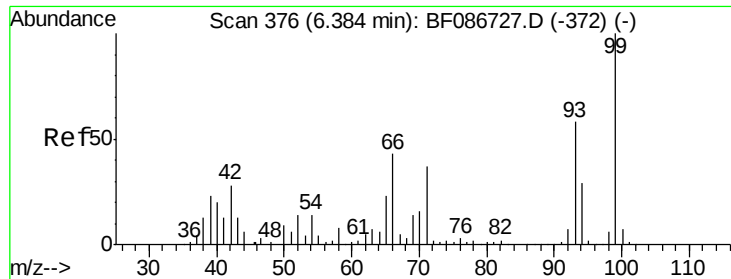


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.21 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

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ClientSampleId :

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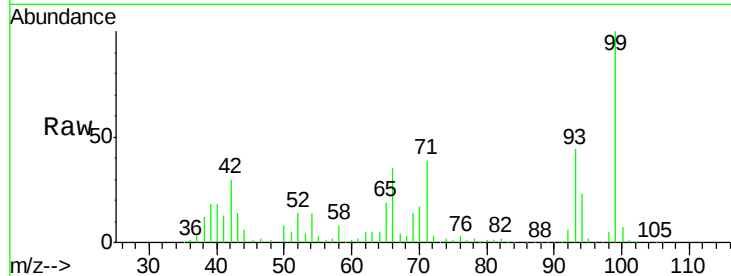
Tgt Ion: 99 Resp: 1334793

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

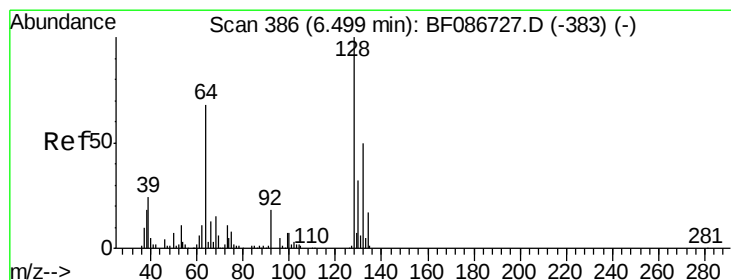
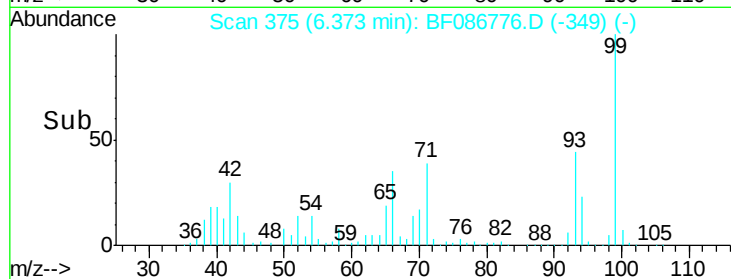
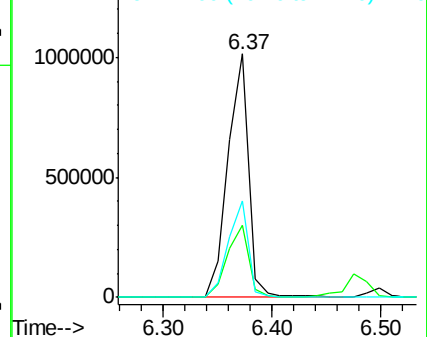
71 39.3 24.6 36.8#



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: 38.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

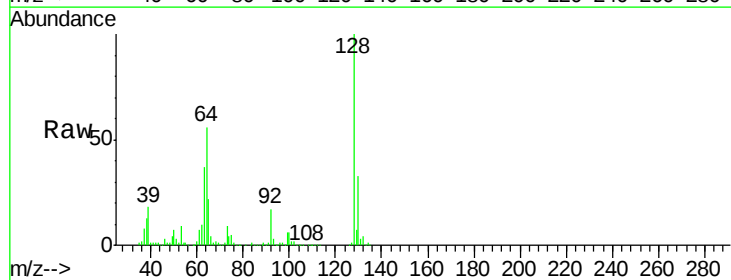
Tgt Ion: 128 Resp: 642044

Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

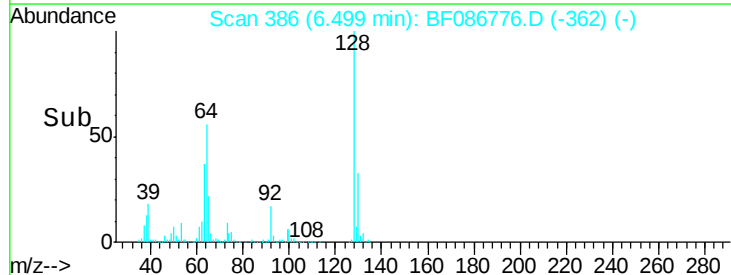
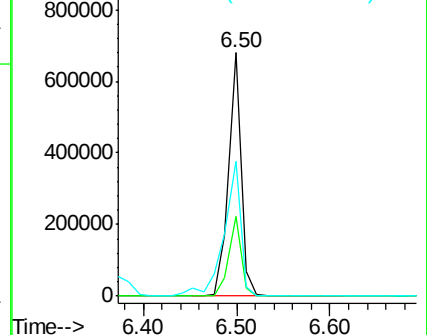
64 55.6 27.3 67.3

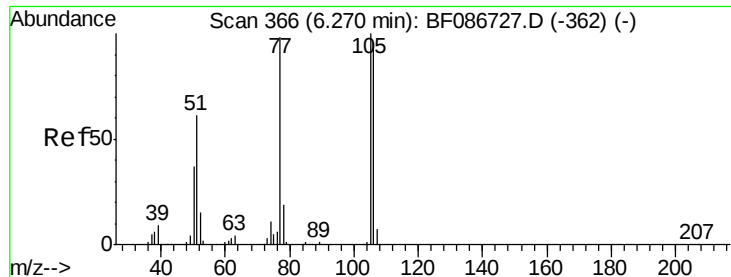


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.50 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

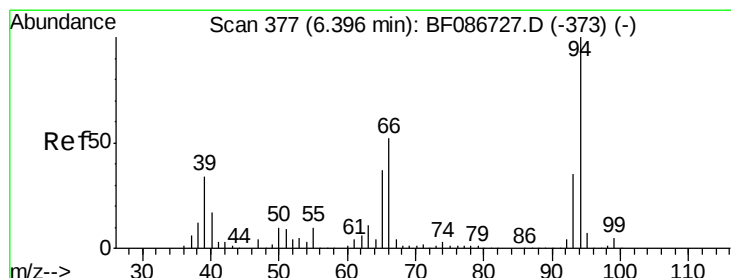
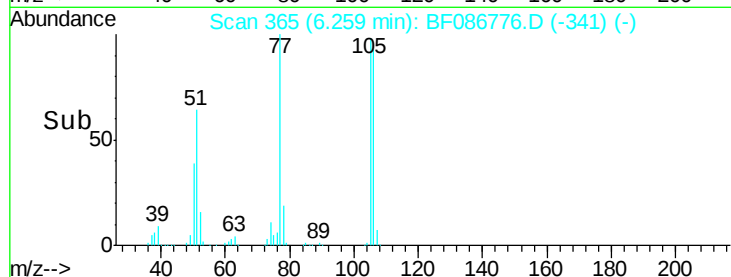
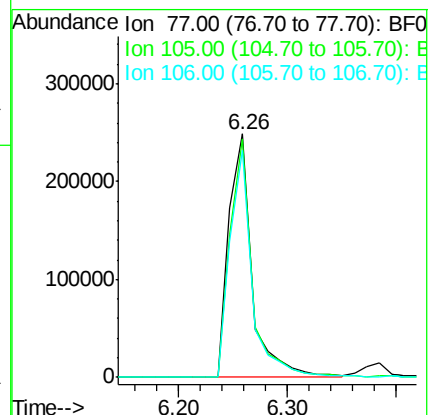
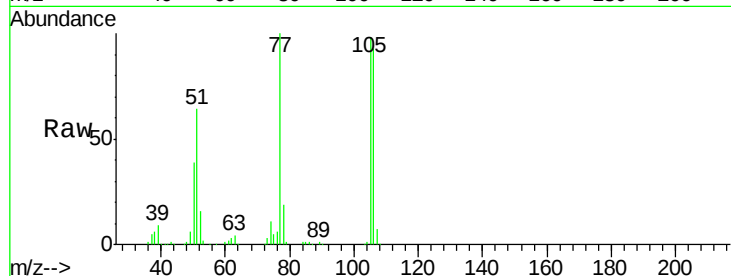
Tgt Ion: 77 Resp: 369403

Ion Ratio Lower Upper

77 100

105 98.0 72.7 112.7

106 93.3 70.8 110.8



#10

Phenol

Concen: 39.88 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

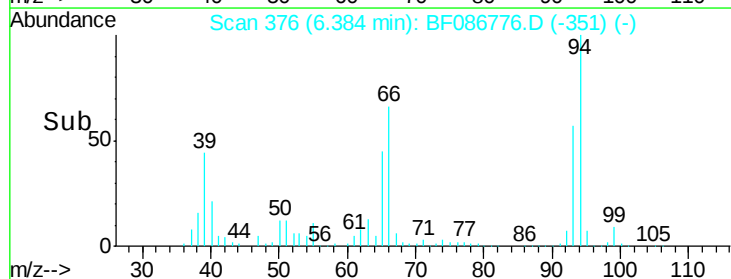
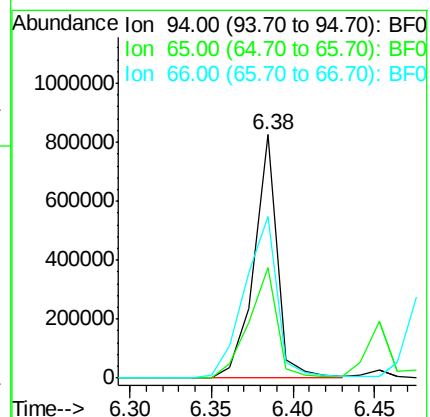
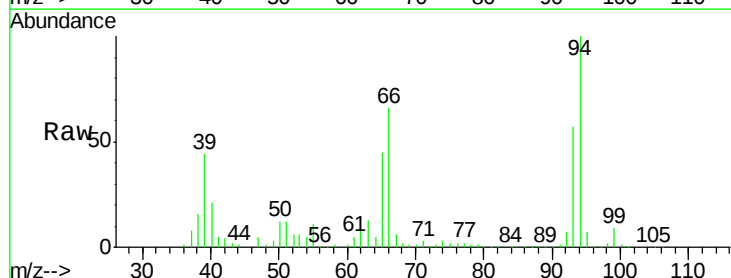
Tgt Ion: 94 Resp: 817780

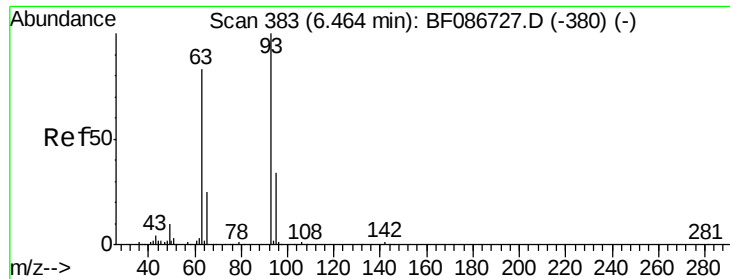
Ion Ratio Lower Upper

94 100

65 45.1 7.2 47.2

66 66.2 14.9 54.9#

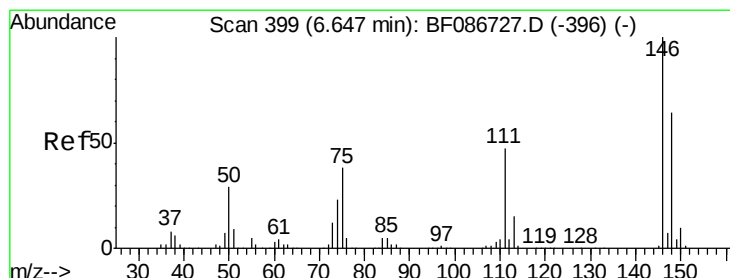
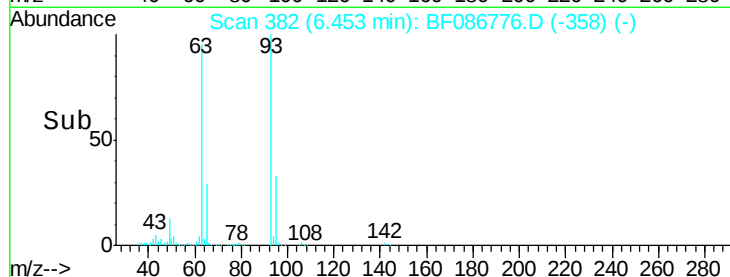
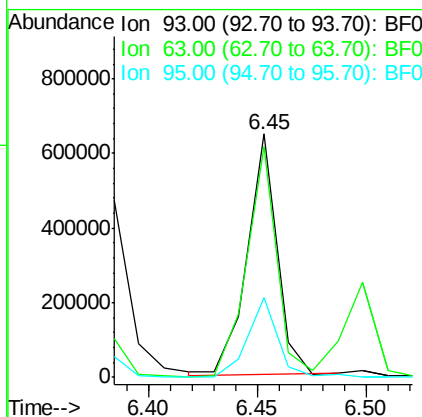
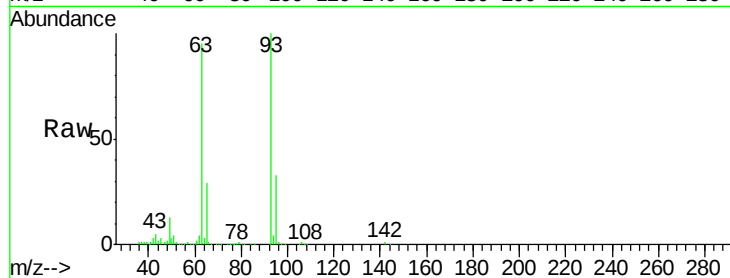




#11
bis(2-Chloroethyl)ether
Concen: 34.67 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

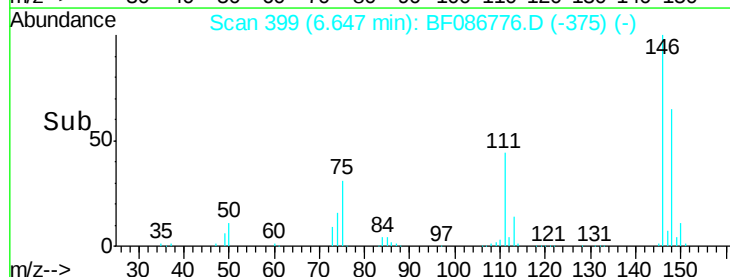
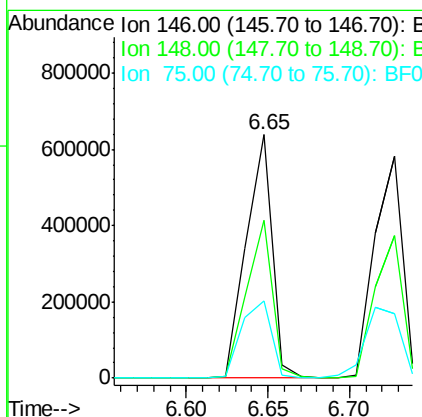
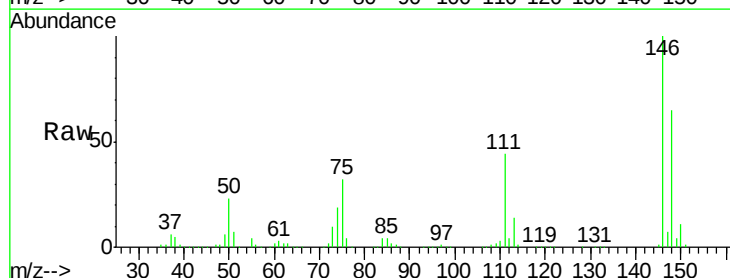
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

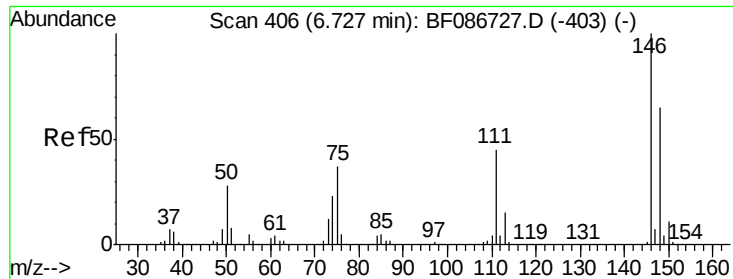
Tgt Ion: 93 Resp: 611889
Ion Ratio Lower Upper
93 100
63 94.8 58.0 98.0
95 32.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.84 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion: 146 Resp: 706379
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
75 31.8 22.8 34.2

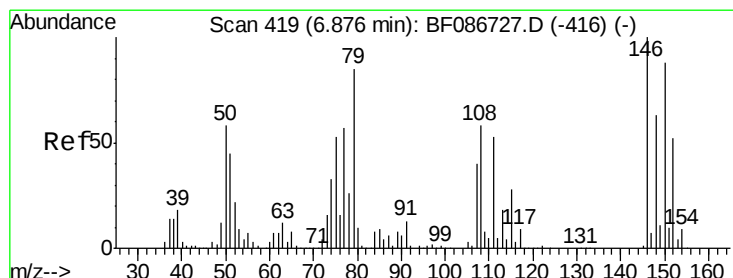
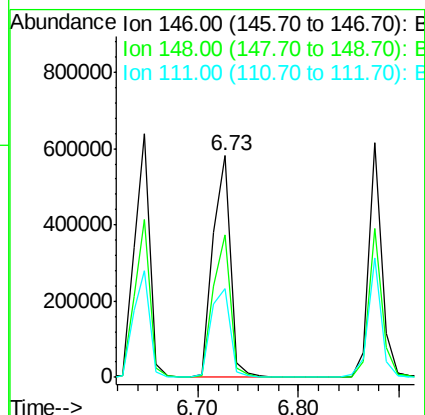
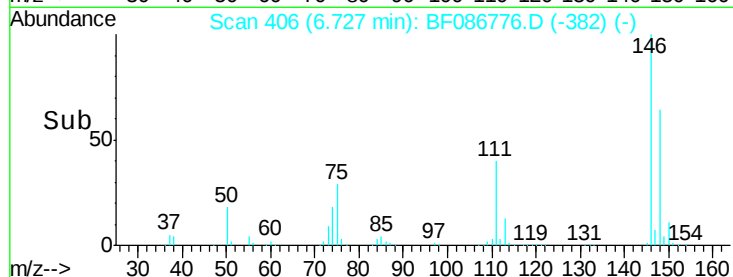
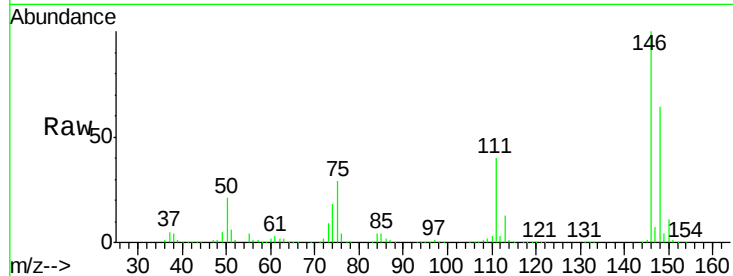




#13
 1,4-Dichlorobenzene
 Concen: 38.56 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

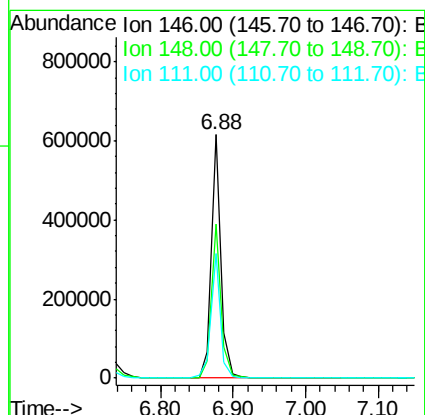
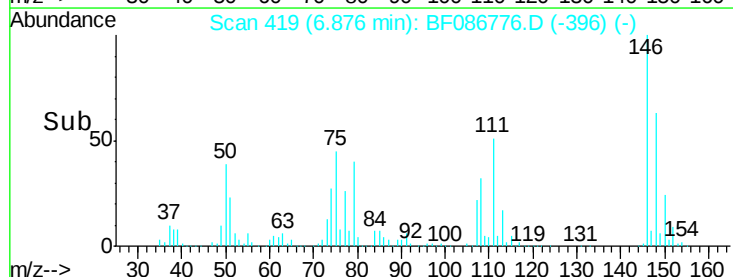
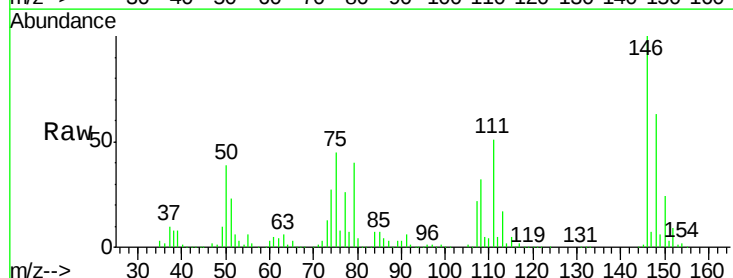
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

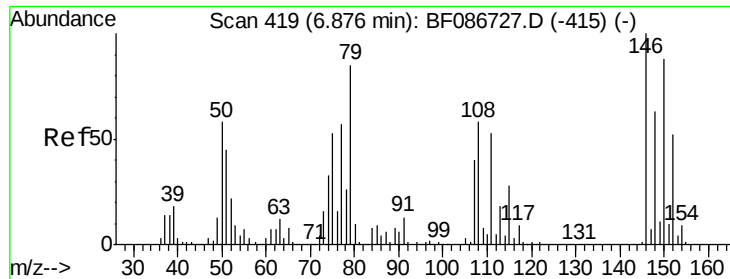
Tgt Ion:146 Resp: 706996
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 40.1 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 35.39 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:146 Resp: 564883
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 111 51.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.21 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

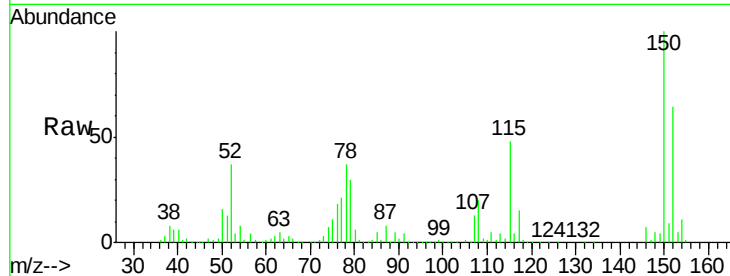
Tgt Ion: 79 Resp: 475440

Ion Ratio Lower Upper

79 100

108 64.1 68.4 102.6#

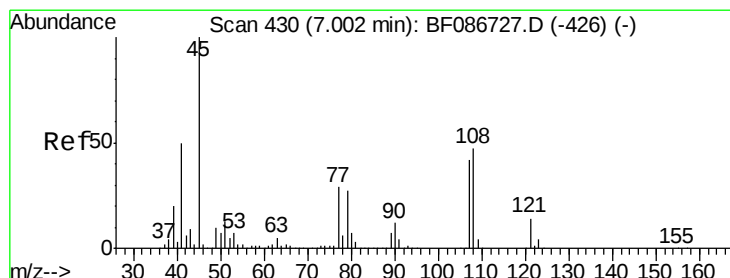
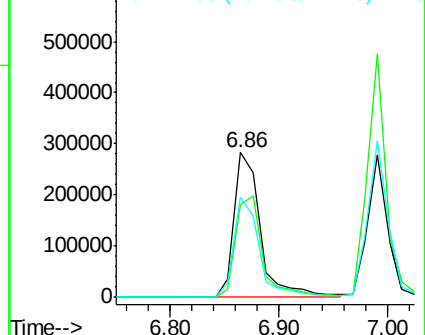
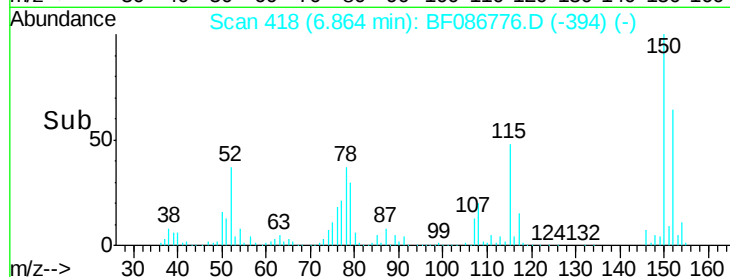
77 69.5 50.6 76.0



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: 38.21 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

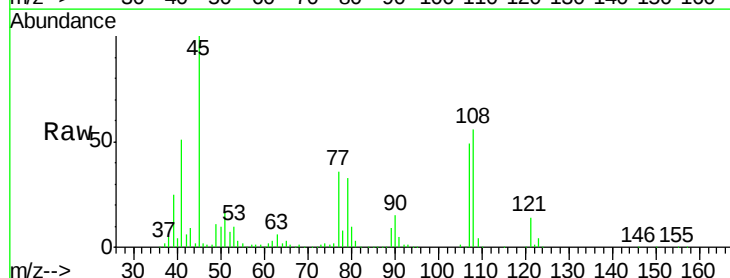
Tgt Ion: 45 Resp: 1378819

Ion Ratio Lower Upper

45 100

77 36.1 0.0 36.4

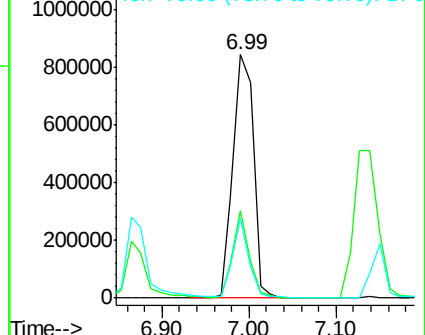
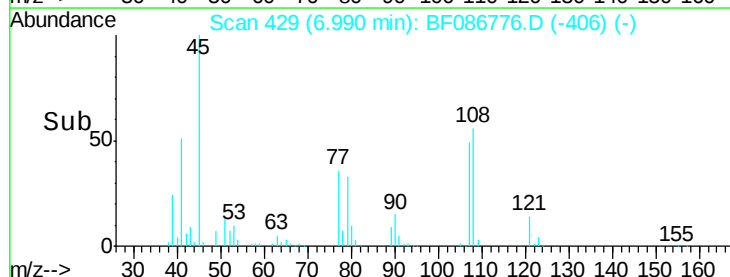
79 32.8 0.0 33.4

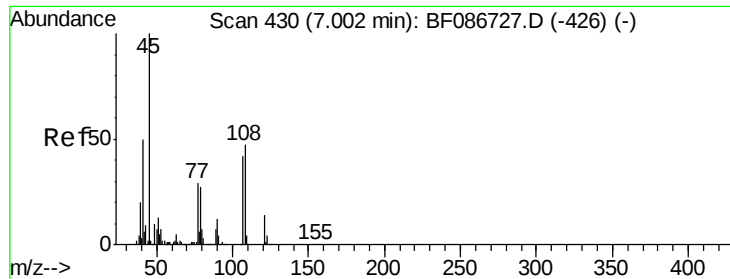


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

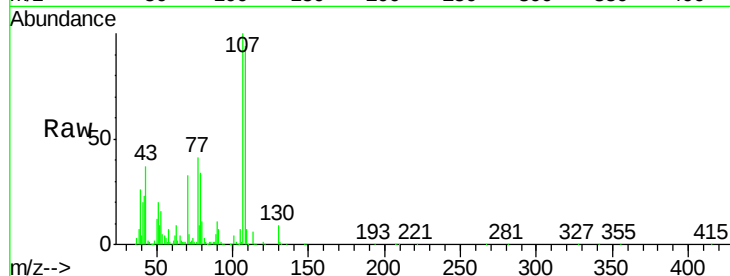




#17
 2-Methylphenol
 Concen: 47.79 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.15 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	107	Resp:	642516
Ion	Ratio	Lower	Upper
107	100		
108	93.8	93.7	140.5
77	41.0	33.4	50.0
79	34.4	34.3	51.5



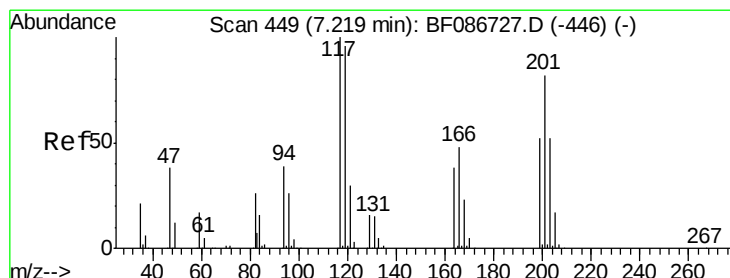
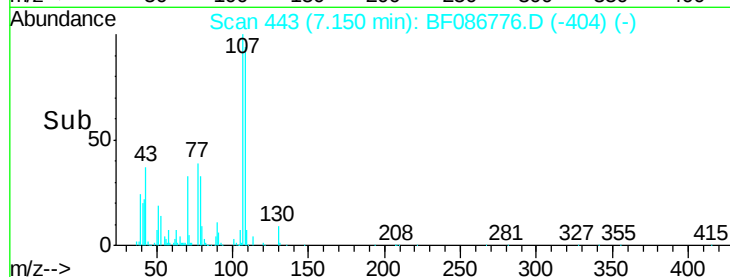
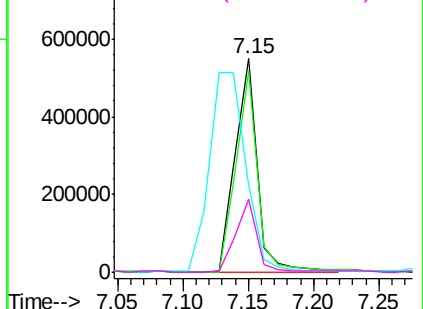
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

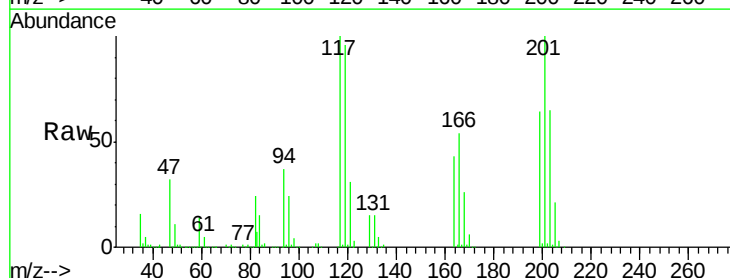
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
 Hexachloroethane
 Concen: 40.90 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:	117	Resp:	283125
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	99.7	63.0	94.6#

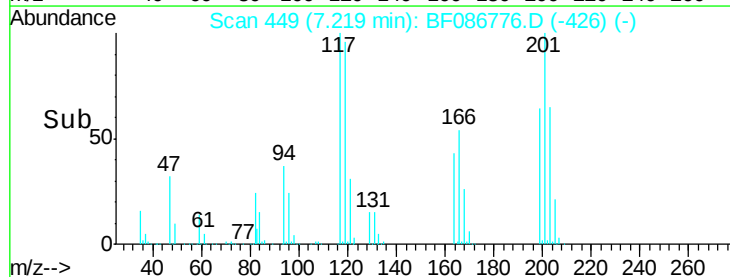
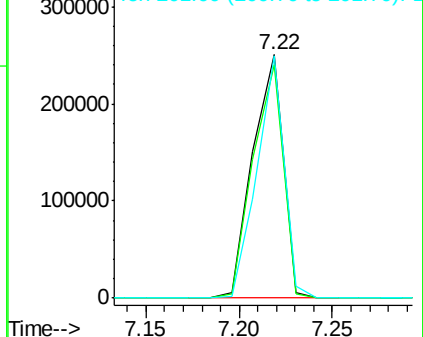


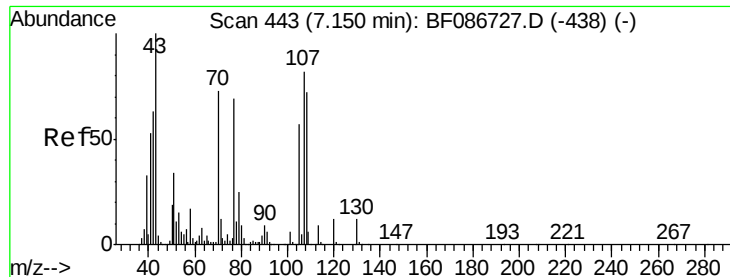
Abundance

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

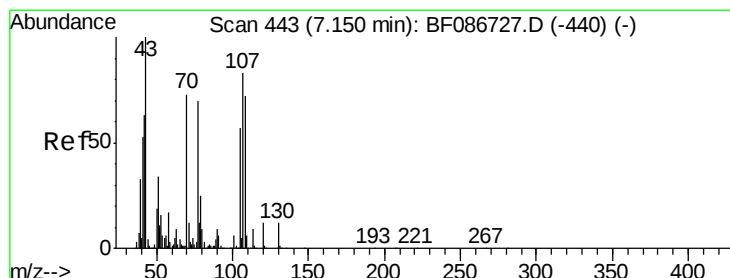
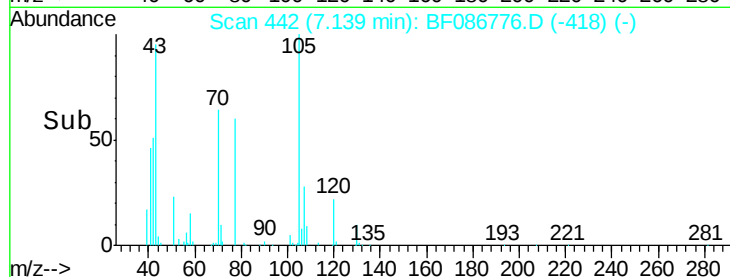
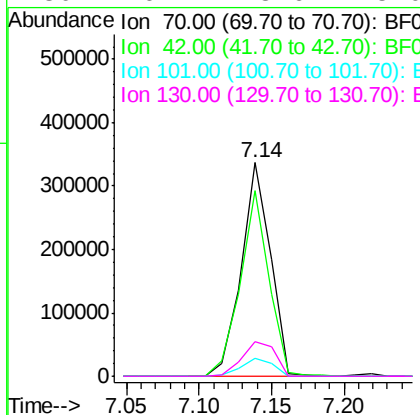
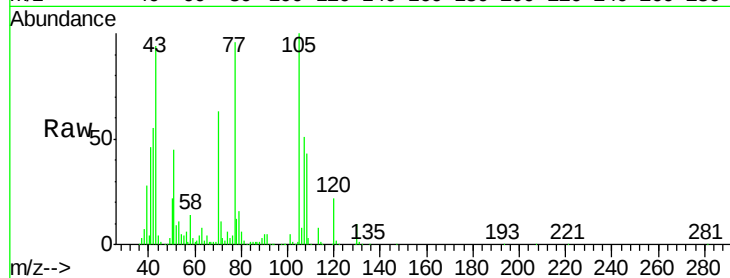




#19
n-Nitroso-di-n-propylamine
Concen: 36.50 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

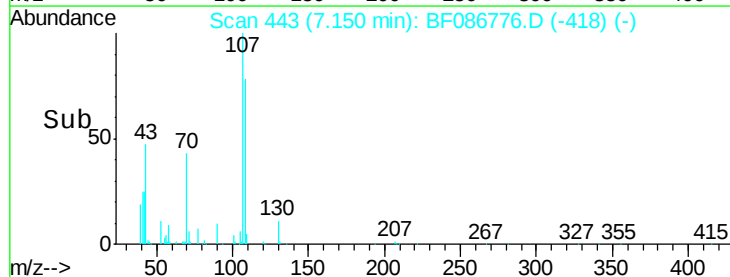
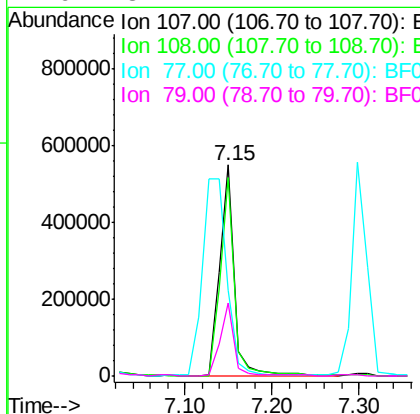
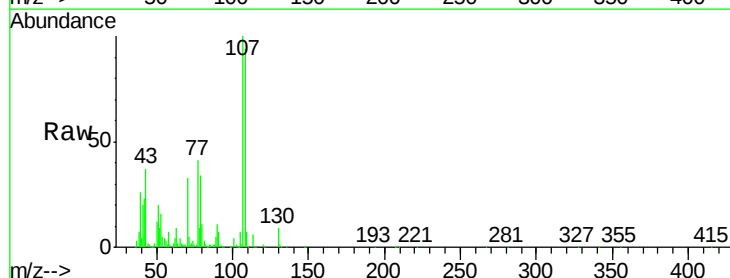
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

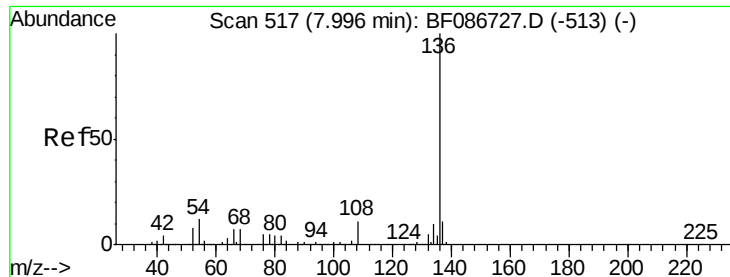
Tgt Ion: 70 Resp: 467487
Ion Ratio Lower Upper
70 100
42 86.6 43.1 64.7#
101 8.4 8.1 12.1
130 16.1 18.6 28.0#



#20
3+4-Methylphenols
Concen: 41.34 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion: 107 Resp: 650889
Ion Ratio Lower Upper
107 100
108 93.8 68.5 108.5
77 41.0 101.6 141.6#
79 34.4 7.4 47.4

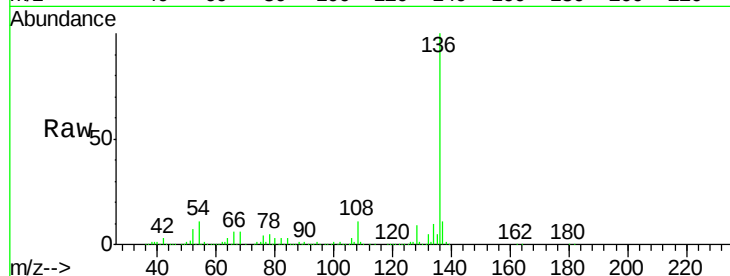




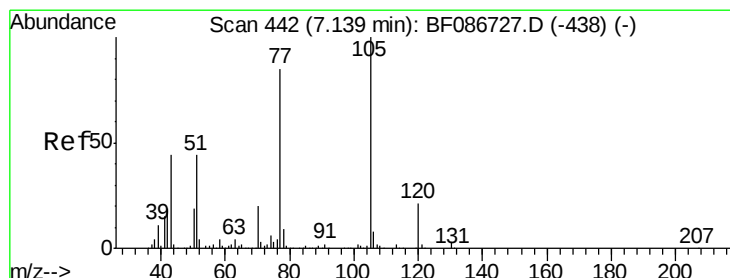
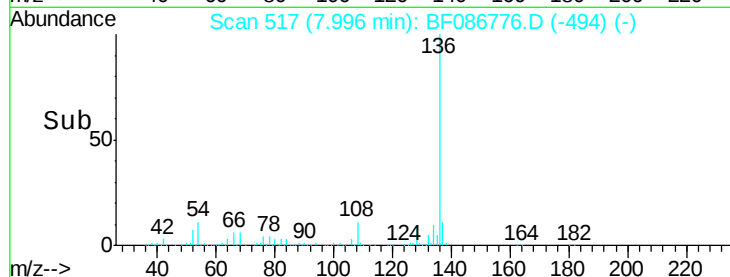
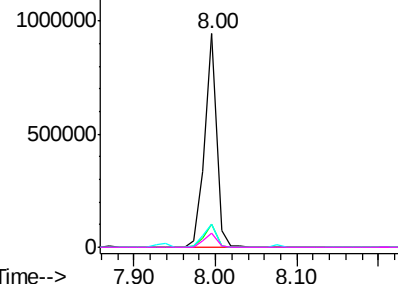
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	954820
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.1	5.0	7.4#
68	6.3	4.4	6.6

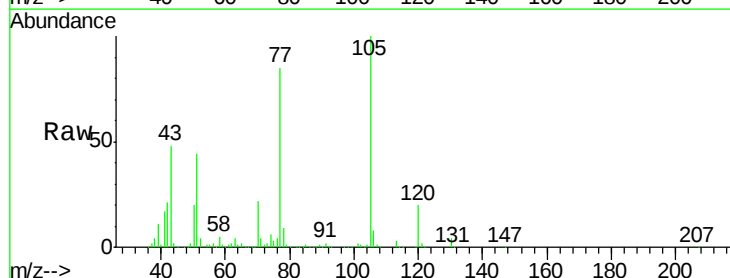


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

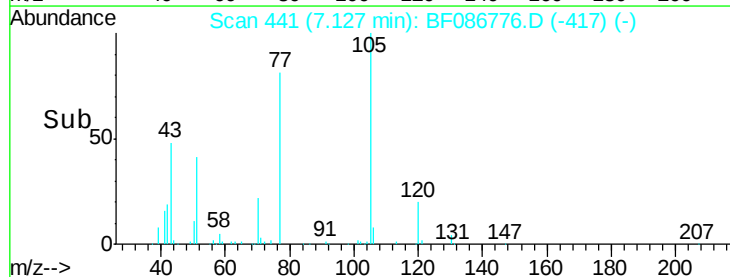
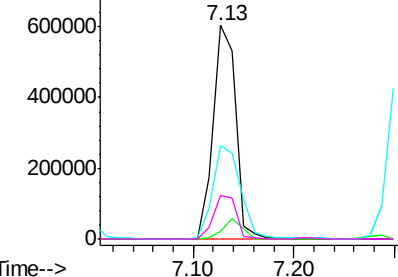


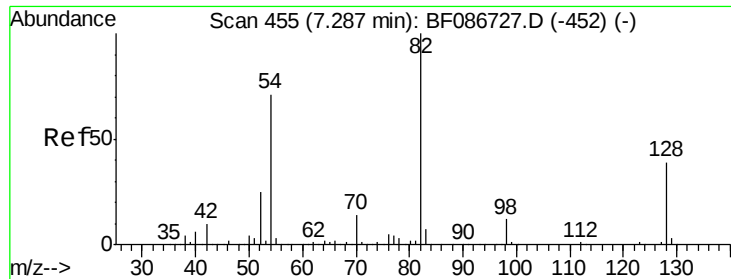
#22
Acetophenone
Concen: 42.46 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion:	105	Resp:	944633
Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.8	7.2#
51	43.9	32.6	49.0
120	20.2	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

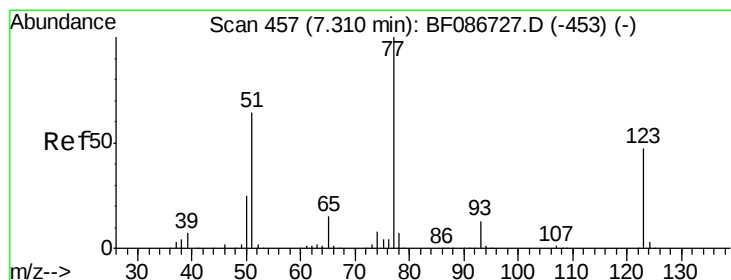
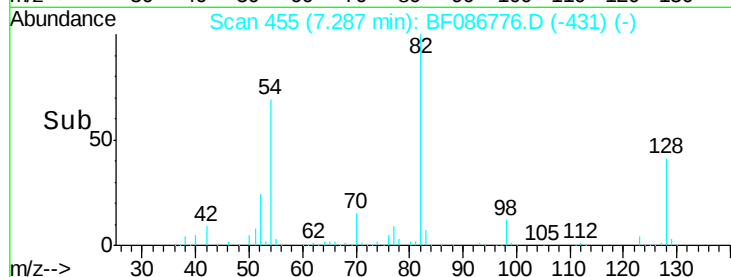
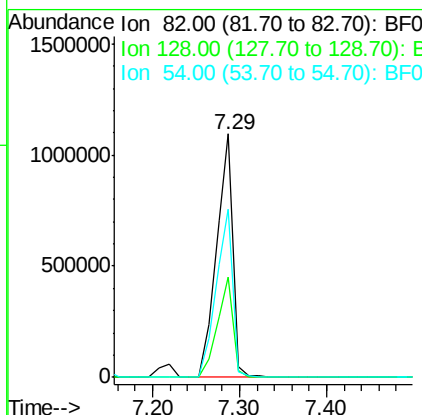
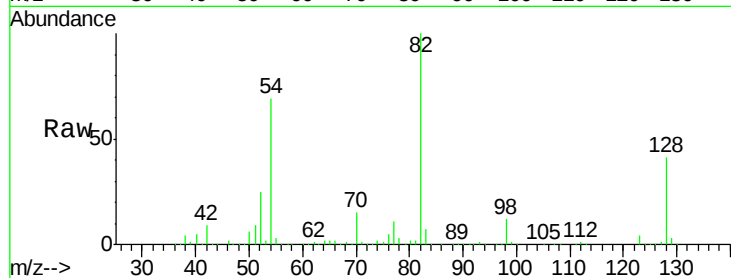




#23
 Nitrobenzene-d5
 Concen: 78.35 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

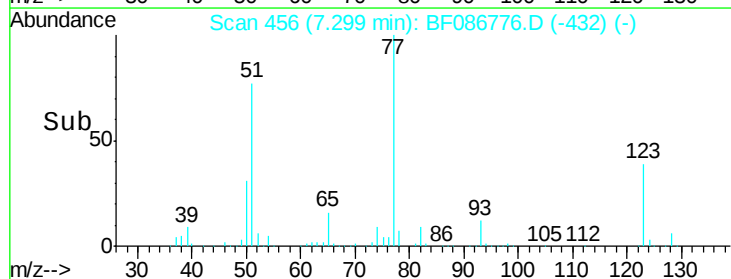
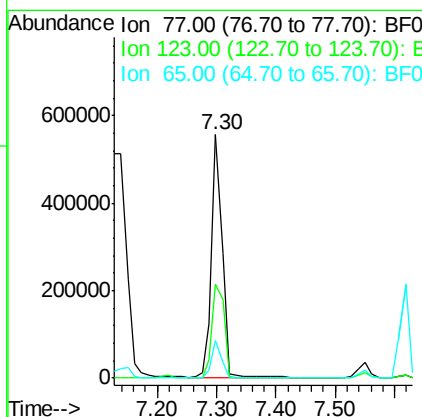
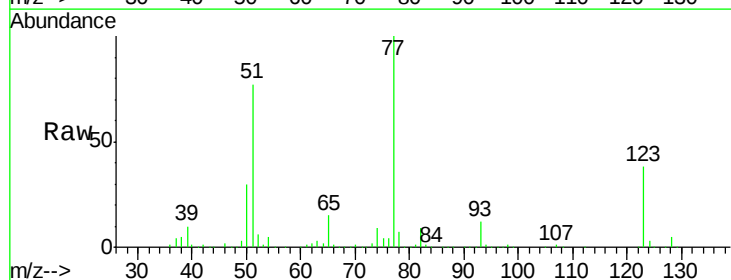
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

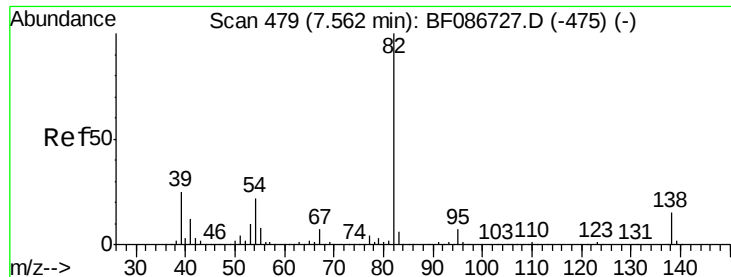
Tgt Ion: 82 Resp: 1455787
 Ion Ratio Lower Upper
 82 100
 128 41.0 40.6 61.0
 54 69.0 38.1 57.1#



#24
 Nitrobenzene
 Concen: 36.06 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion: 77 Resp: 692618
 Ion Ratio Lower Upper
 77 100
 123 38.4 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 39.69 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

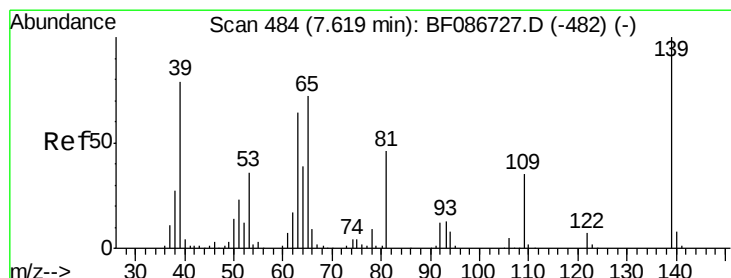
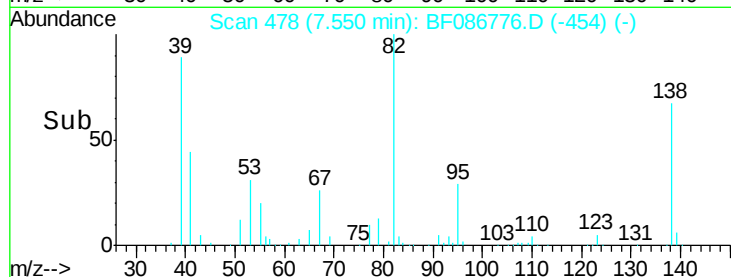
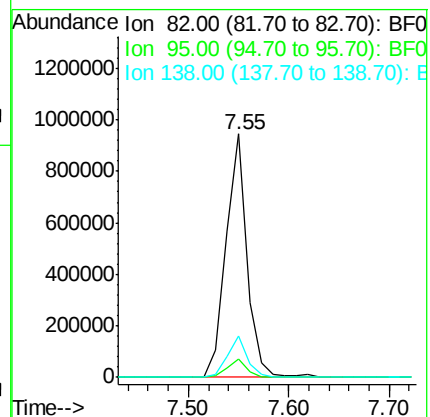
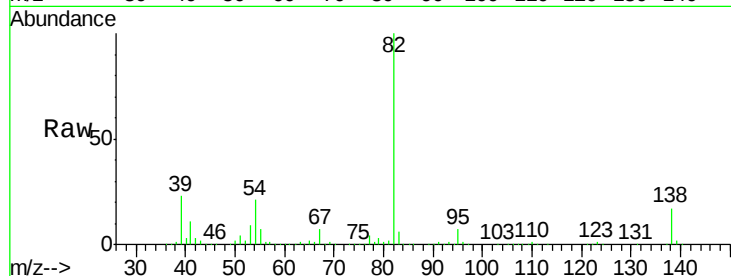
Tgt Ion: 82 Resp: 1373417

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

138 16.9 12.4 18.6



#26

2-Nitrophenol

Concen: 42.44 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

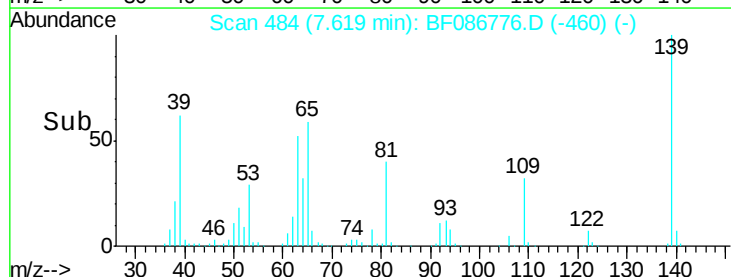
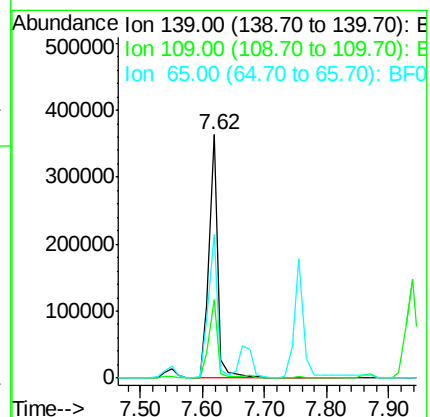
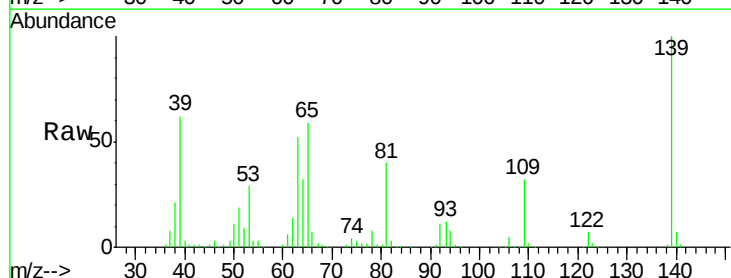
Tgt Ion: 139 Resp: 363788

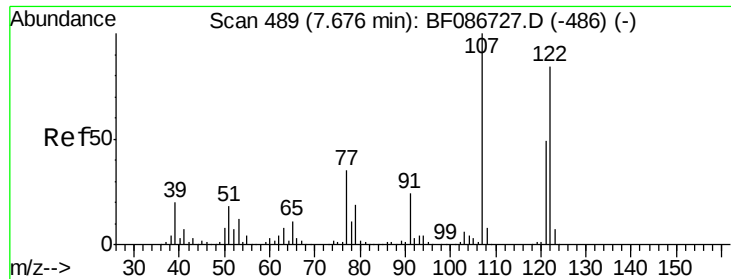
Ion Ratio Lower Upper

139 100

109 32.1 19.5 29.3#

65 58.9 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 38.18 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

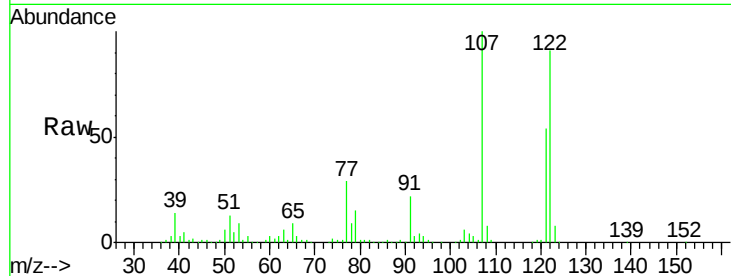
Tgt Ion:122 Resp: 574646

Ion Ratio Lower Upper

122 100

107 110.4 82.0 123.0

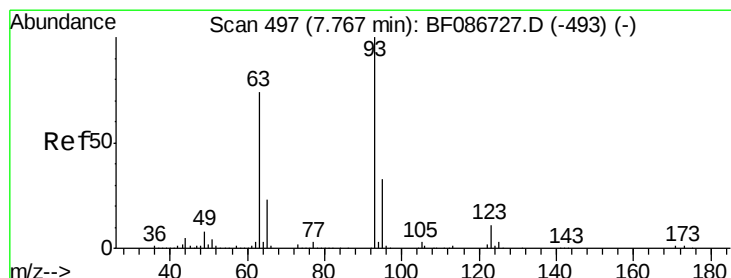
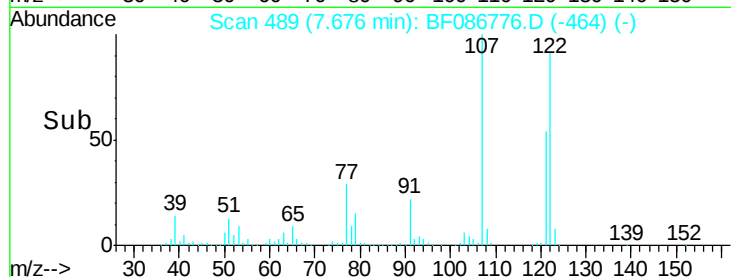
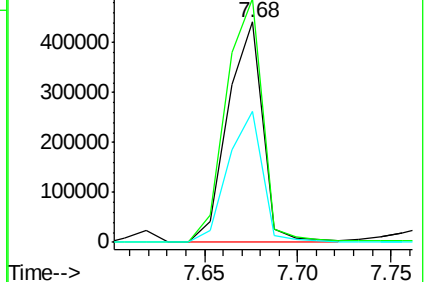
121 59.1 46.1 69.1



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: 38.53 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

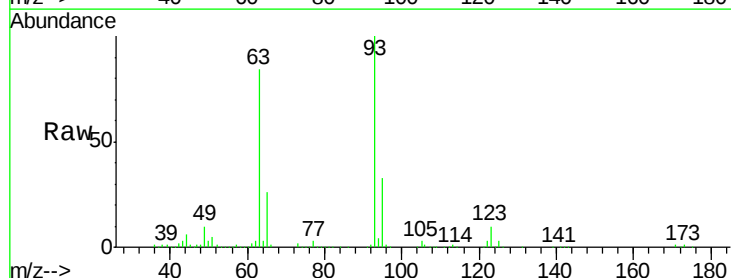
Tgt Ion: 93 Resp: 733734

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

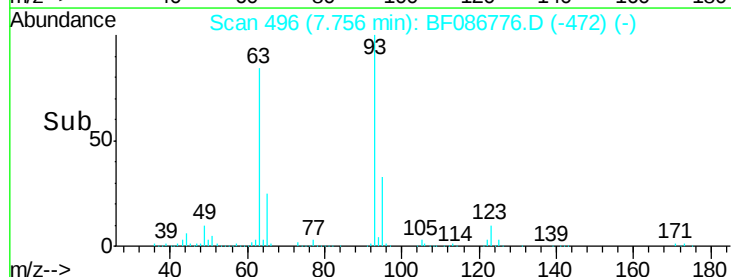
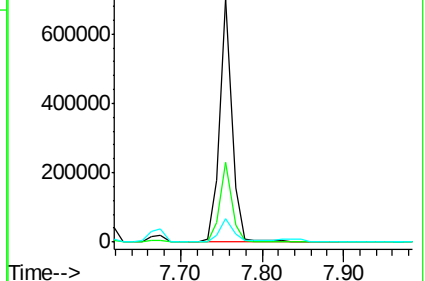
123 9.8 9.5 14.3

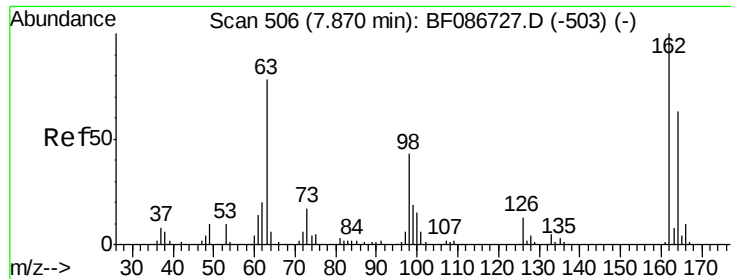


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

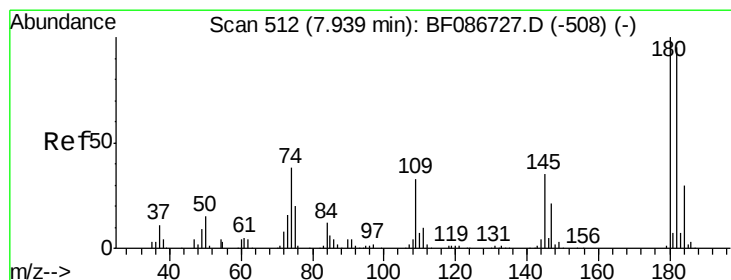
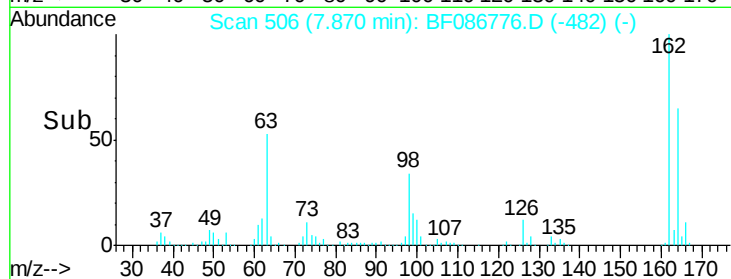
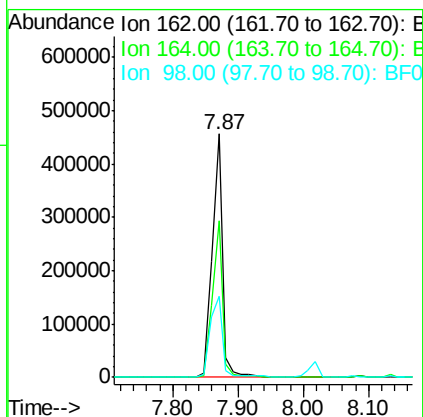
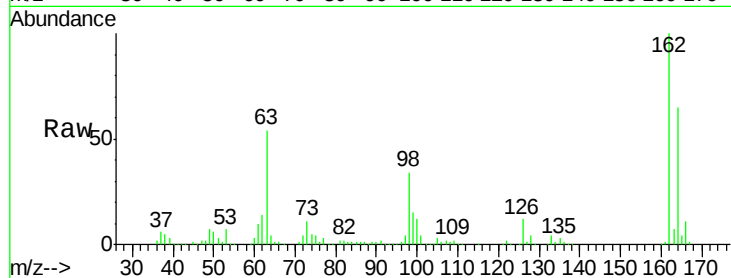




#29
 2,4-Dichlorophenol
 Concen: 39.90 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

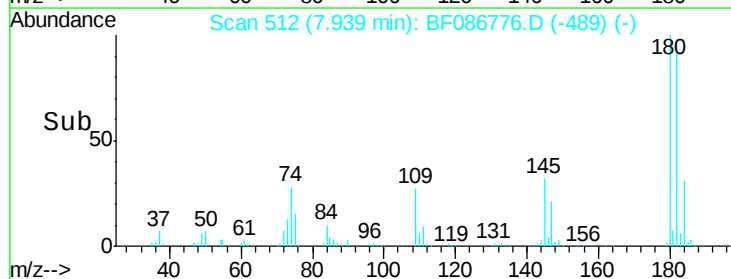
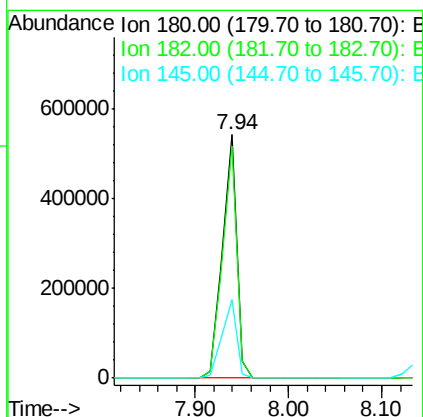
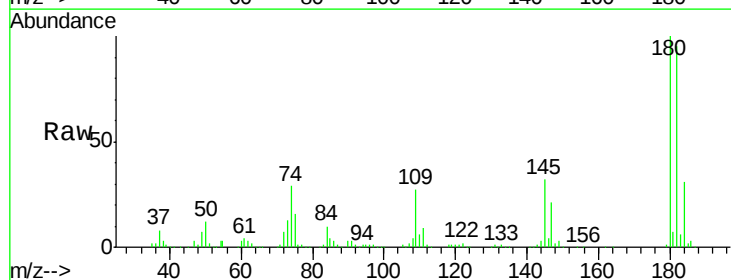
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

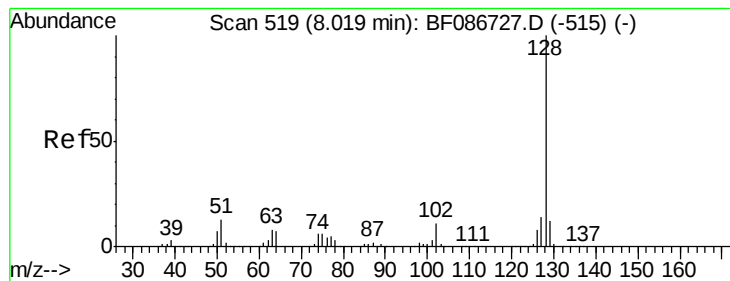
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.2	82.2
98	33.5	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.93 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.0	117.0
145	32.1	24.2	36.2





#31

Naphthalene

Concen: 38.03 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

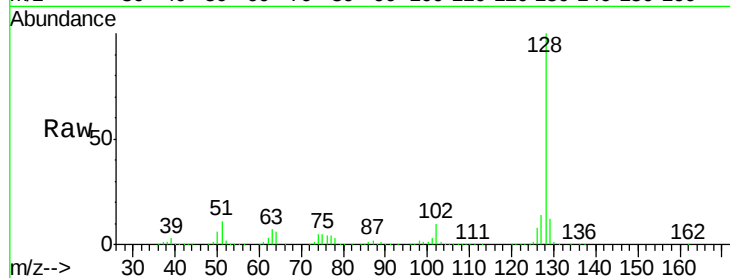
Tgt Ion:128 Resp: 1854980

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

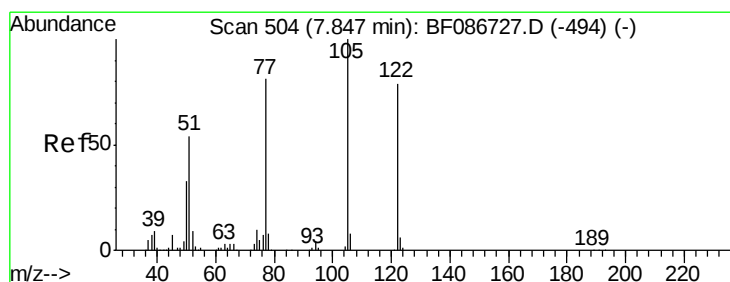
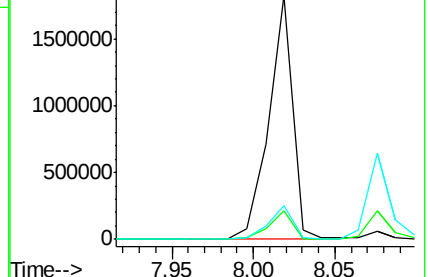
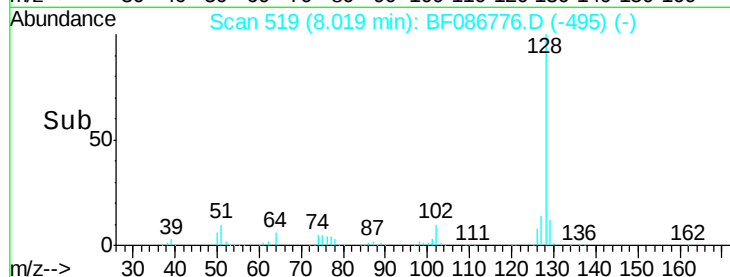
127 14.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 74.36 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.05 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

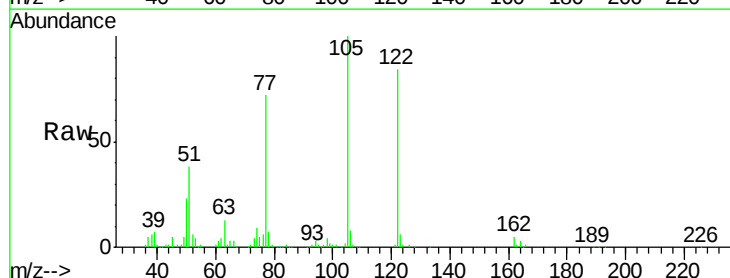
Tgt Ion:122 Resp: 469500

Ion Ratio Lower Upper

122 100

105 119.2 92.6 132.6

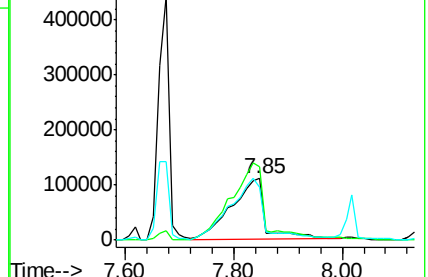
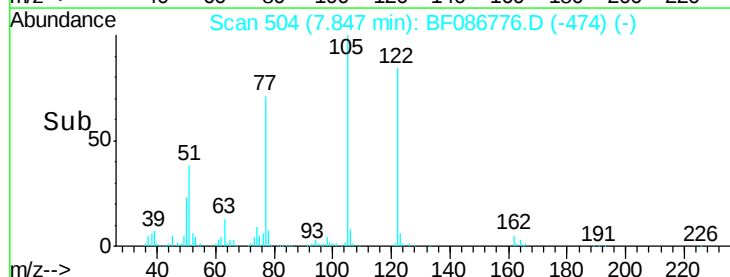
77 85.6 60.0 100.0

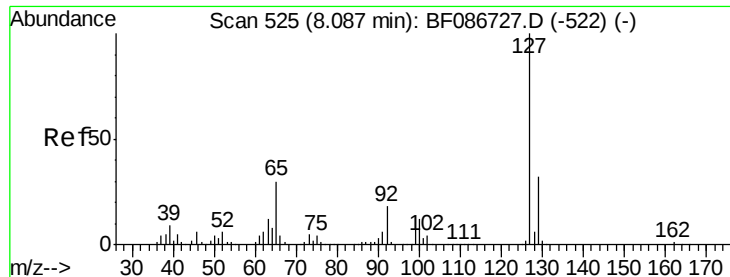


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

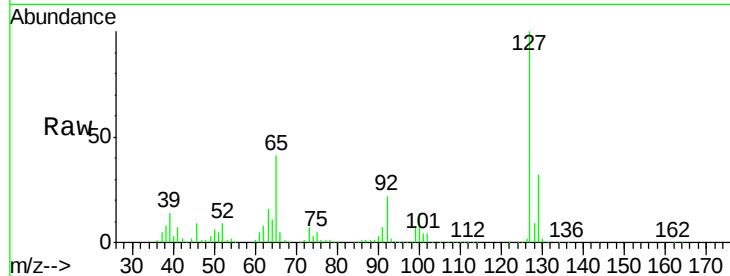




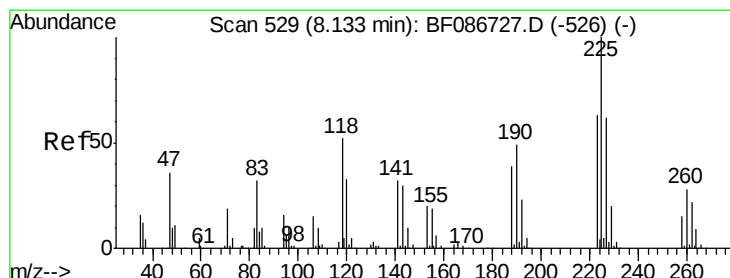
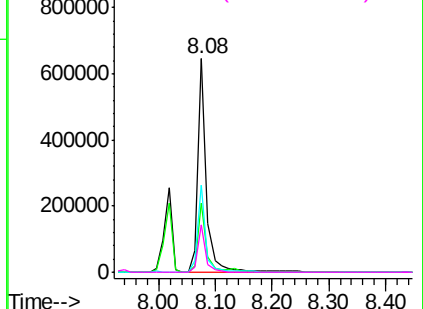
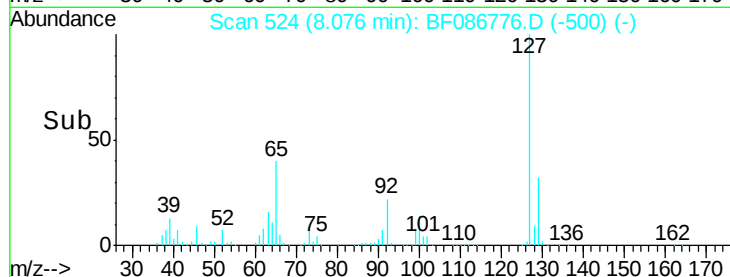
#33
4-Chloroaniline
Concen: 35.15 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	664268
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	40.7	23.0	34.4
92	22.2	15.1	22.7

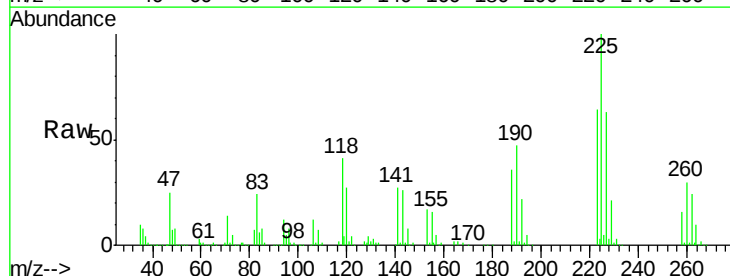


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

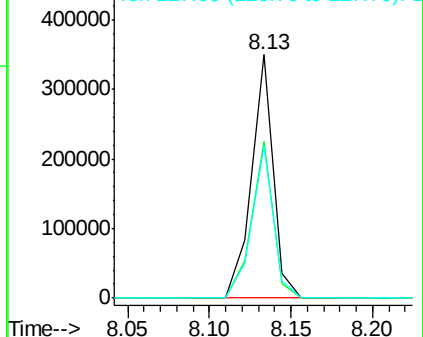
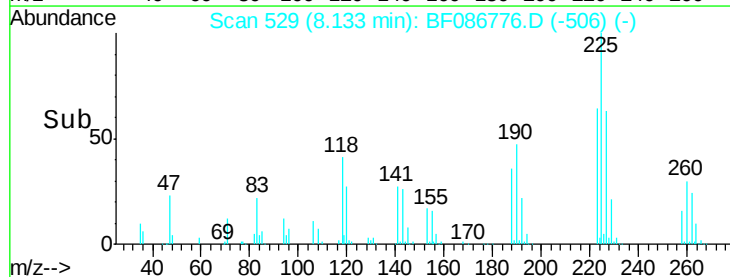


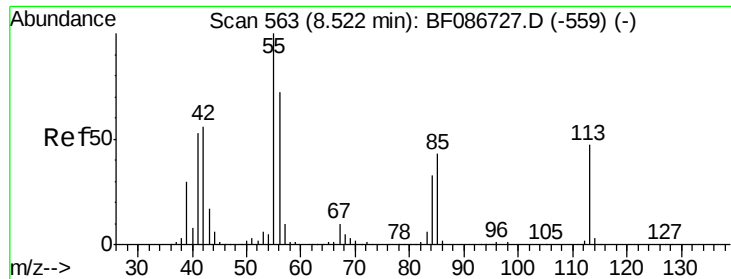
#34
Hexachlorobutadiene
Concen: 39.39 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion:	225	Resp:	322844
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.5	77.3
227	62.9	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

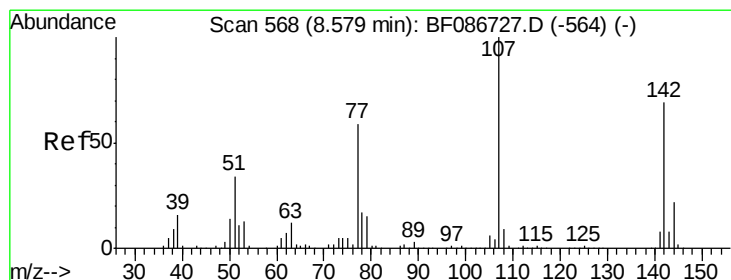
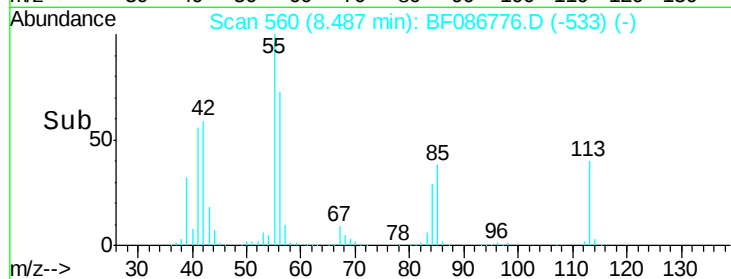
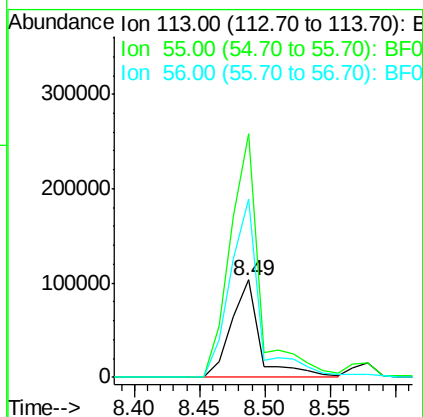
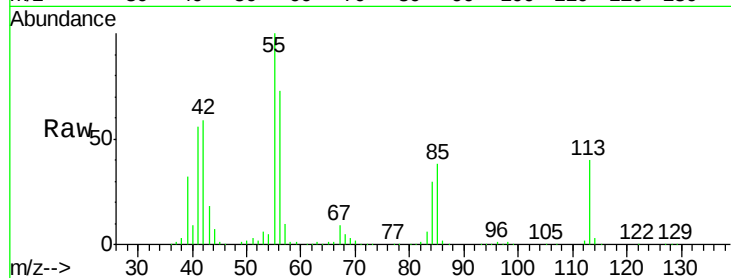




#35
 Caprolactam
 Concen: 39.27 ng
 RT: 8.49 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

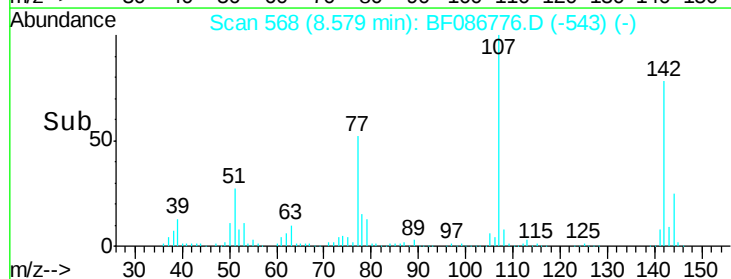
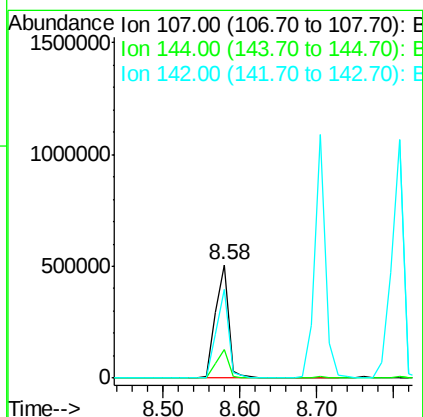
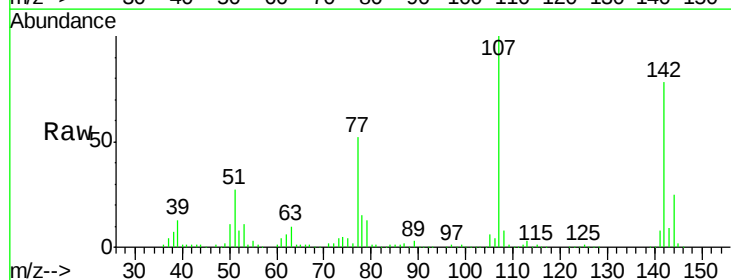
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

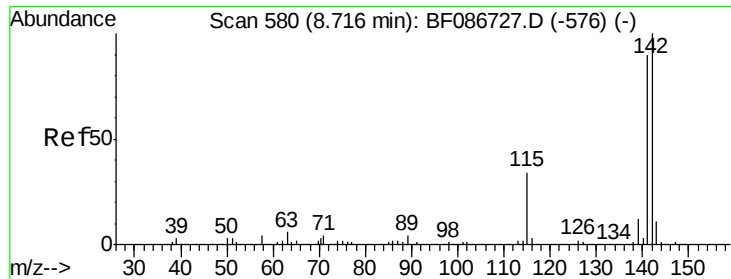
Tgt Ion:113 Resp: 157281
 Ion Ratio Lower Upper
 113 100
 55 249.4 162.0 202.0#
 56 182.8 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 40.93 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:107 Resp: 604236
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.7 31.1
 142 77.7 63.2 94.8

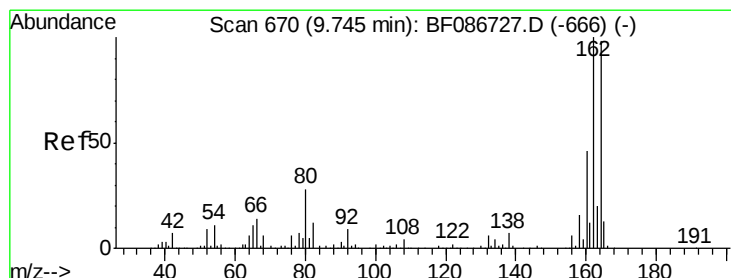
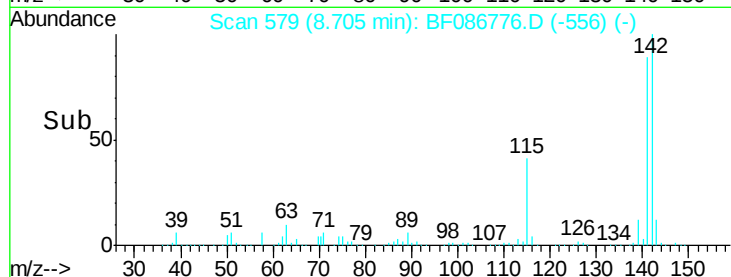
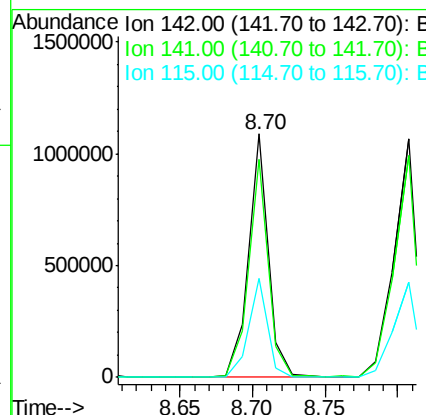
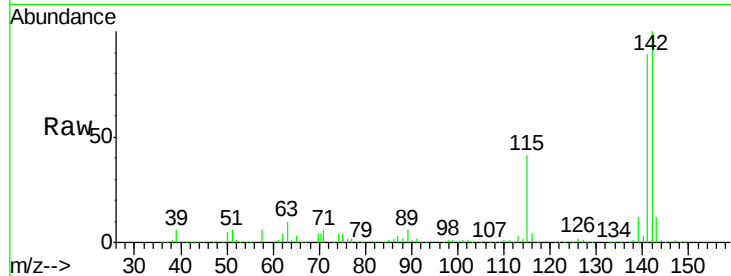




#37
 2-Methylnaphthalene
 Concen: 35.72 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

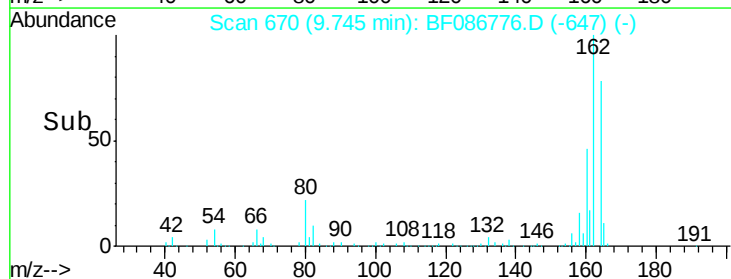
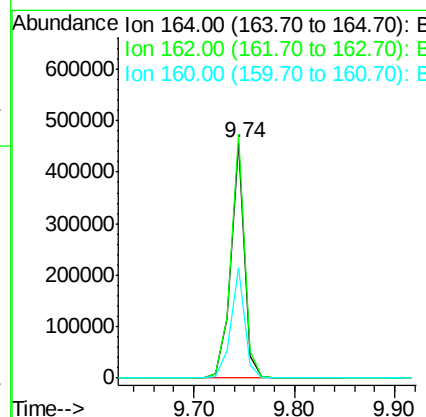
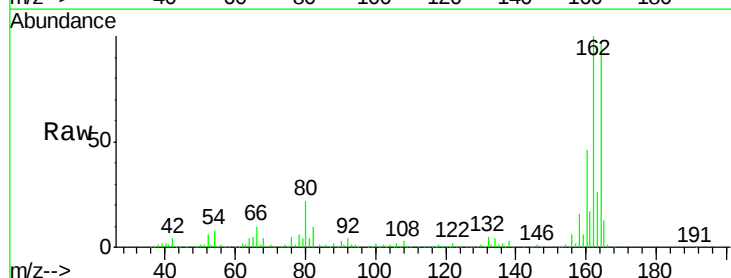
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

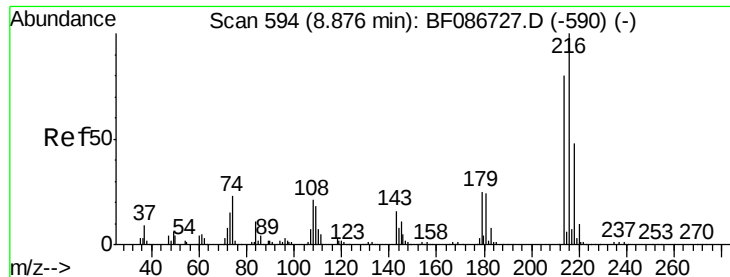
Tgt Ion:142 Resp: 1028007
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 40.5 26.6 39.8#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:164 Resp: 430747
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 47.2 36.9 55.3

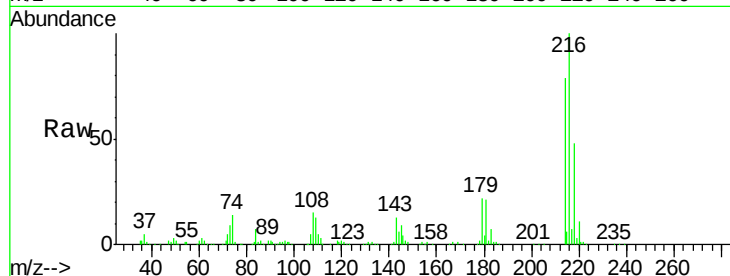




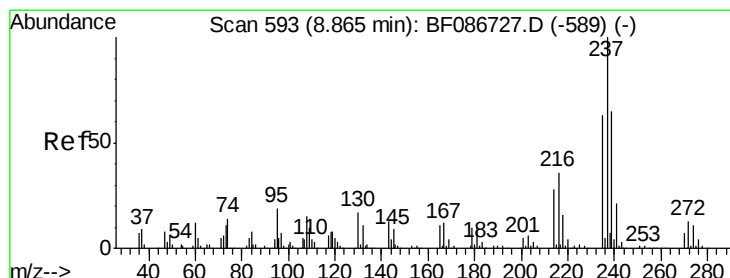
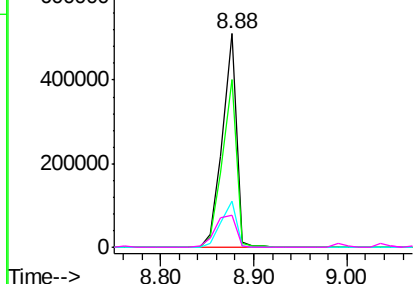
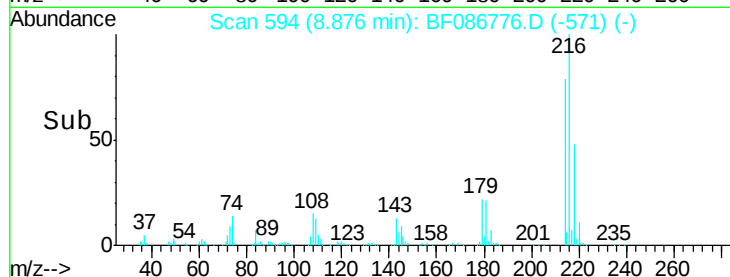
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.06 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	536919
Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.6	93.8
179	23.4	18.2	27.4
108	22.7	17.5	26.3

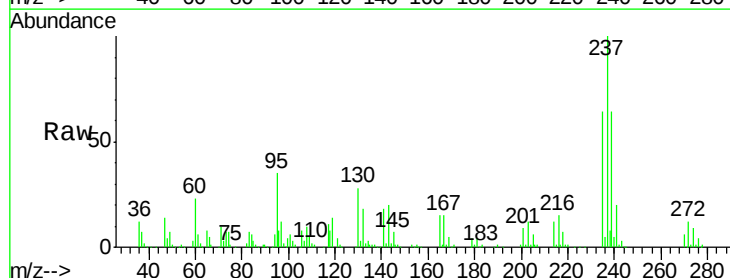


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

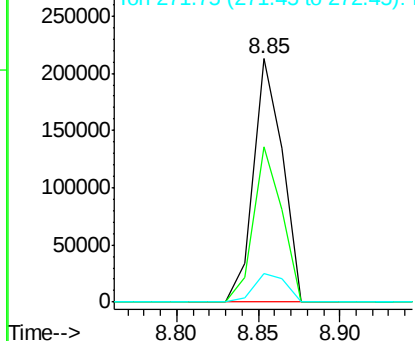
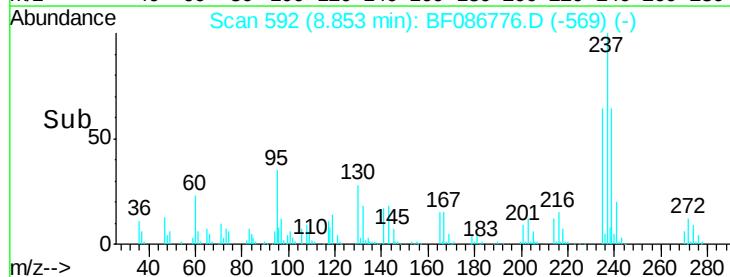


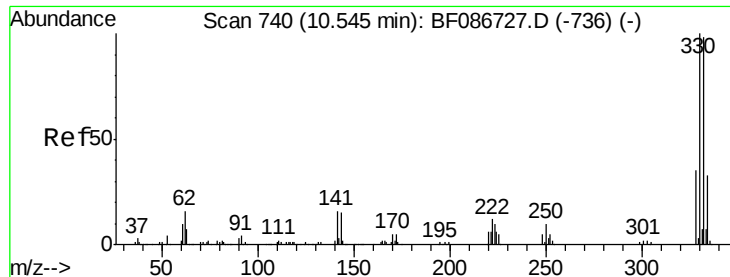
#40
 Hexachlorocyclopentadiene
 Concen: 48.28 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:	237	Resp:	262269
Ion	Ratio	Lower	Upper
237	100		
235	63.8	47.2	87.2
272	11.7	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

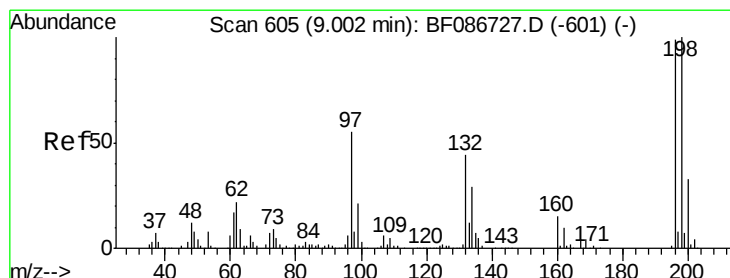
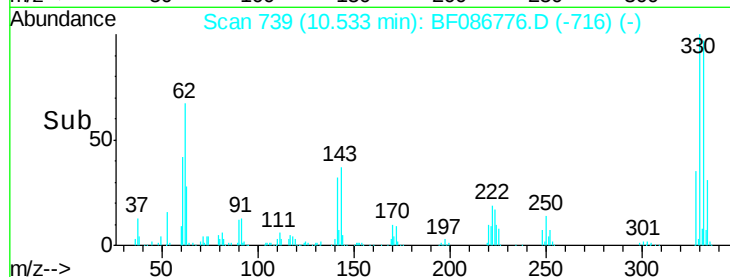
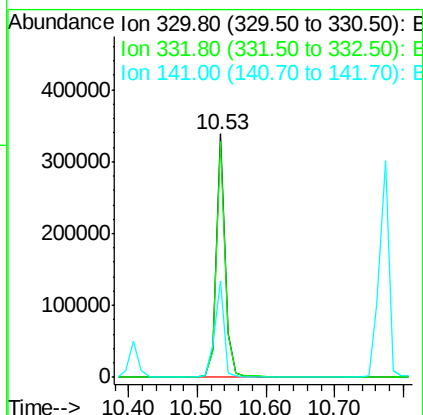
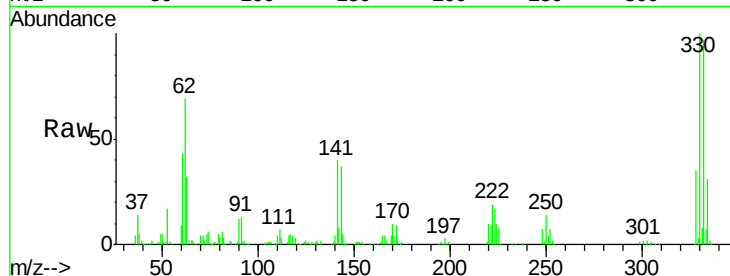




#41
 2,4,6-Tribromophenol
 Concen: 74.38 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

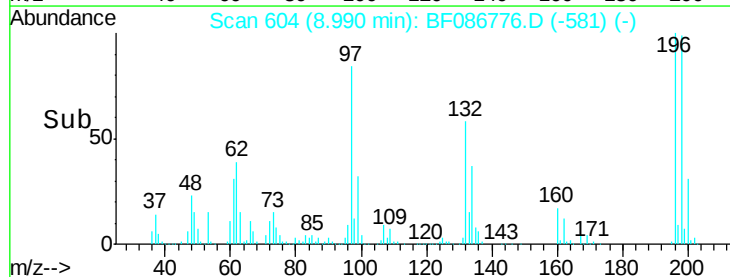
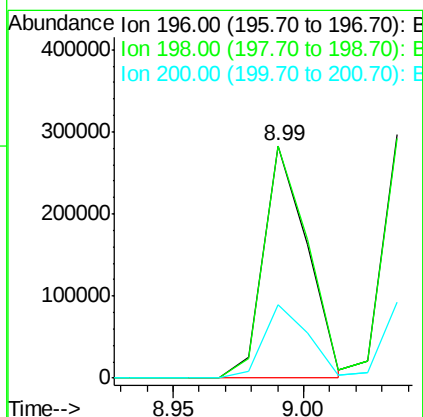
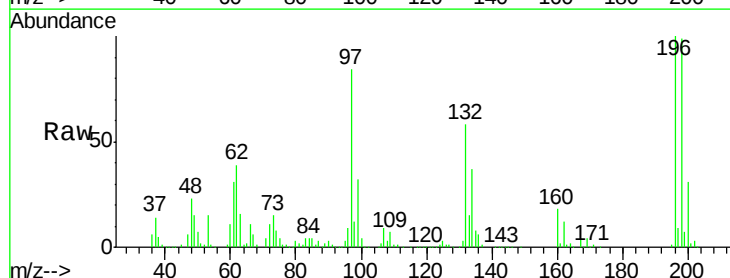
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

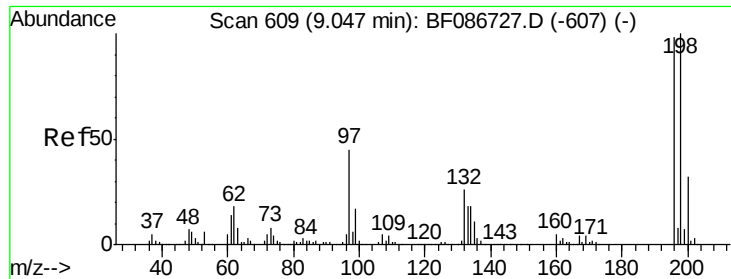
Tgt Ion:330 Resp: 313430
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 42.0 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 41.53 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:196 Resp: 329275
 Ion Ratio Lower Upper
 196 100
 198 99.5 74.7 112.1
 200 31.3 23.8 35.6

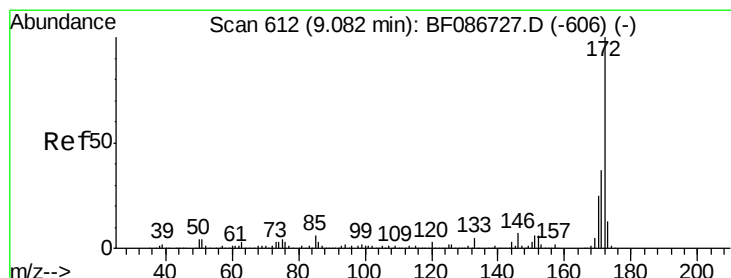
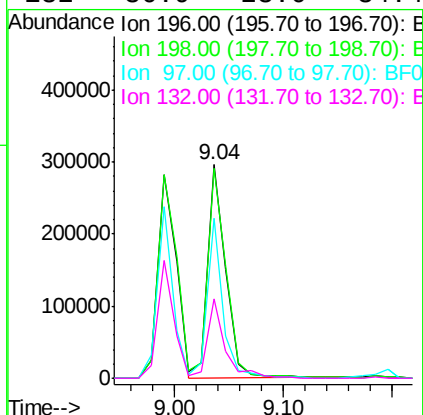
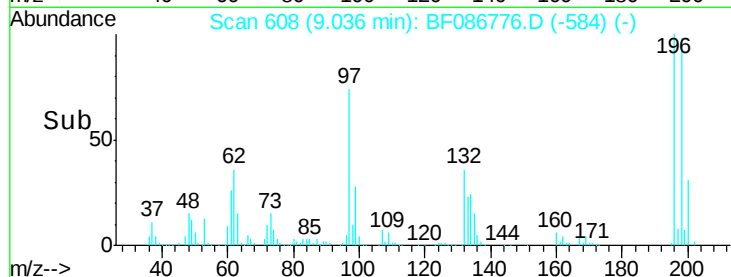
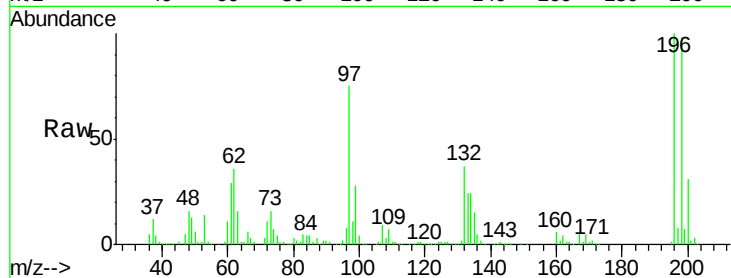




#43
 2,4,5-Trichlorophenol
 Concen: 41.50 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

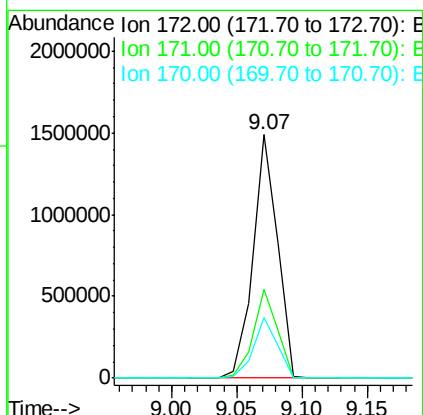
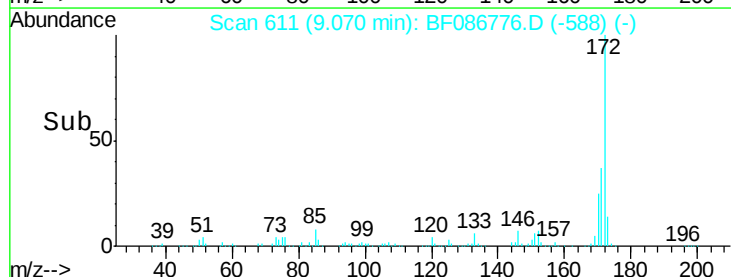
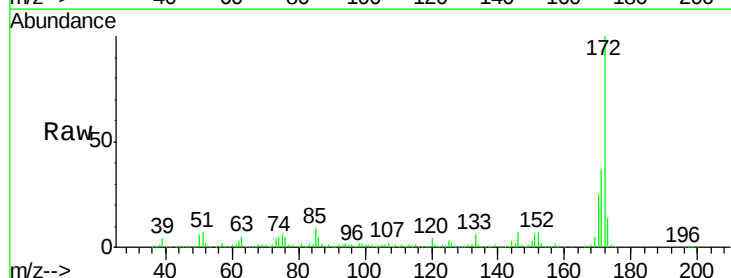
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

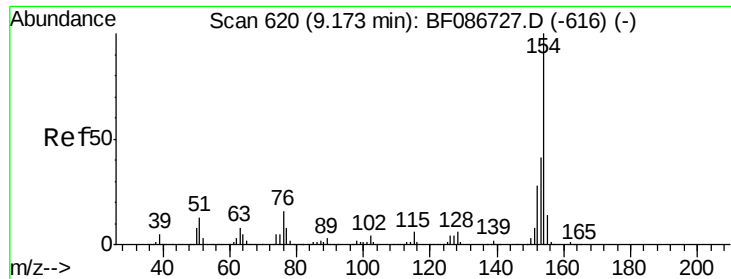
Tgt Ion:196 Resp: 343714
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.5 116.3
 97 74.8 34.8 52.2#
 132 36.9 23.0 34.4#



#44
 2-Fluorobiphenyl
 Concen: 73.98 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:172 Resp: 1944115
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.9 19.8 29.8

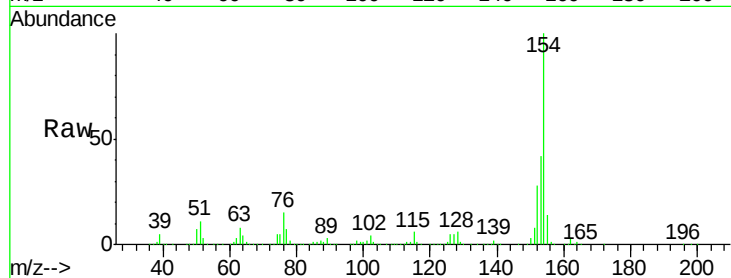




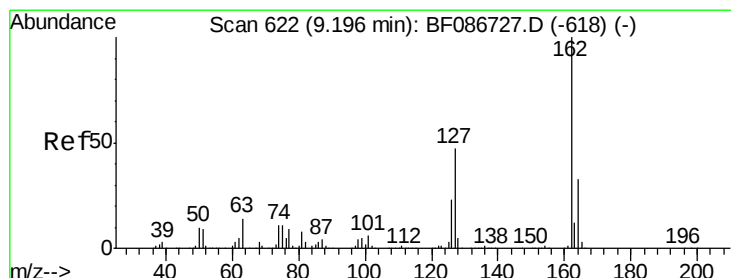
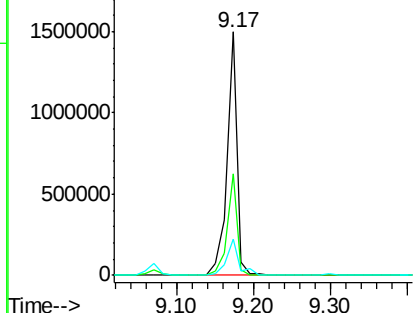
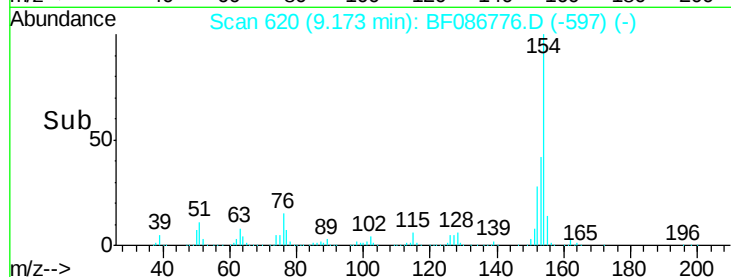
#45
 1,1'-Biphenyl
 Concen: 39.39 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1387127
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.3 60.3
 76 14.8 0.0 30.2

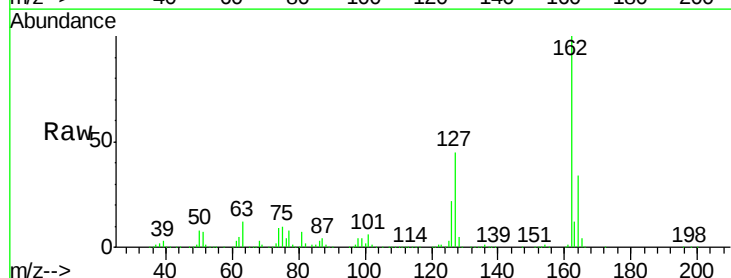


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

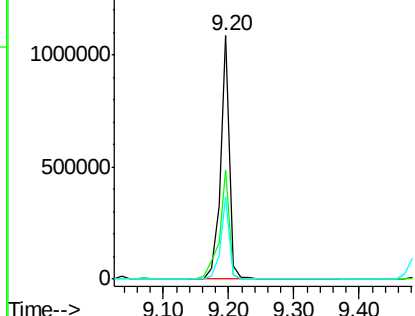
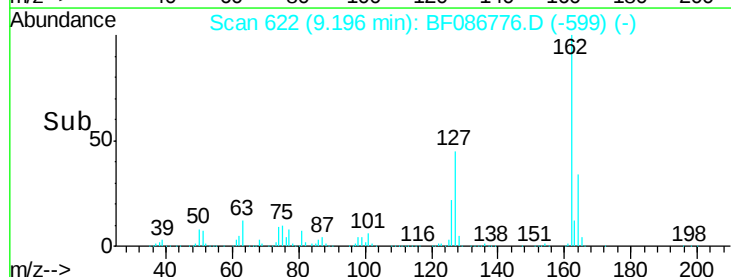


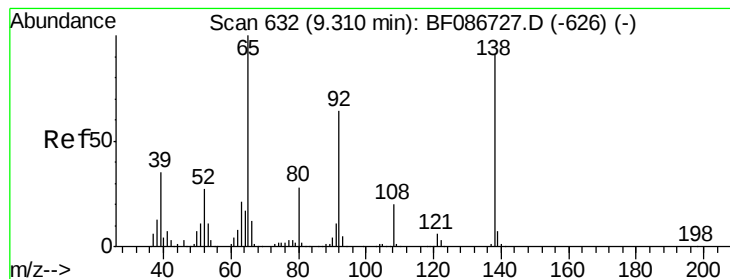
#46
 2-Chloronaphthalene
 Concen: 38.94 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:162 Resp: 1058316
 Ion Ratio Lower Upper
 162 100
 127 45.1 31.8 47.6
 164 33.7 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: 37.87 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

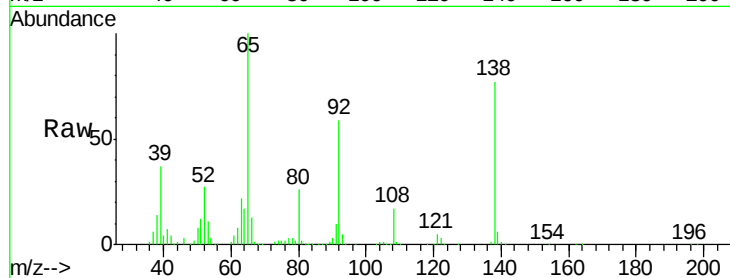
Tgt Ion: 65 Resp: 365875

Ion Ratio Lower Upper

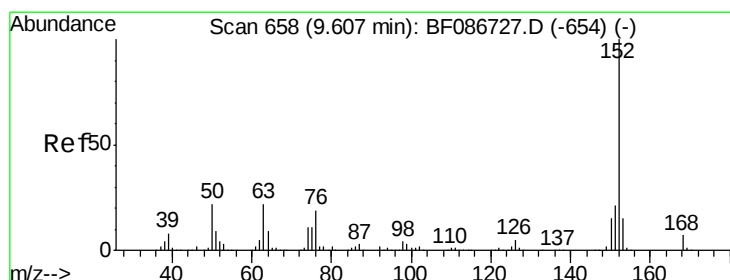
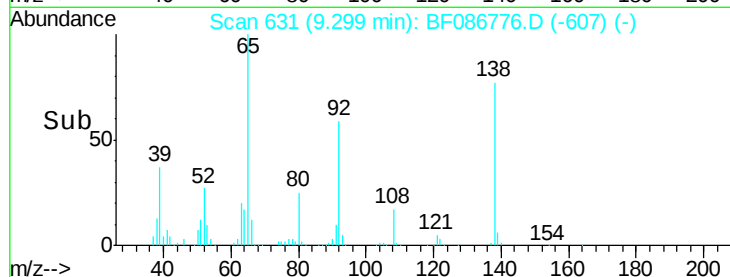
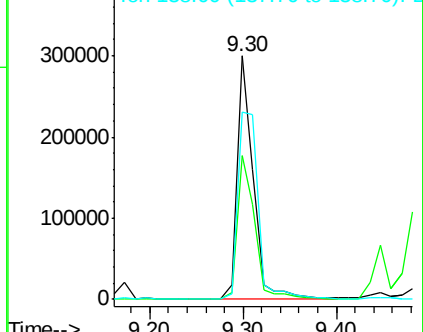
65 100

92 58.9 57.4 86.2

138 76.7 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: 37.89 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

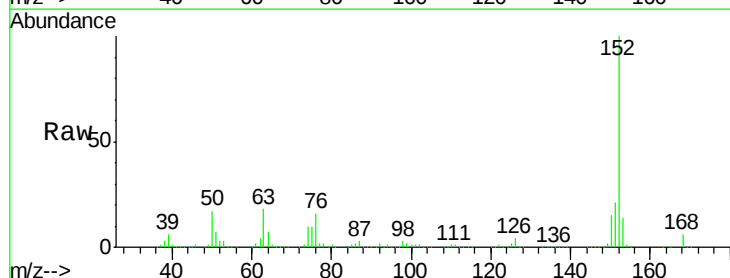
Tgt Ion: 152 Resp: 1528397

Ion Ratio Lower Upper

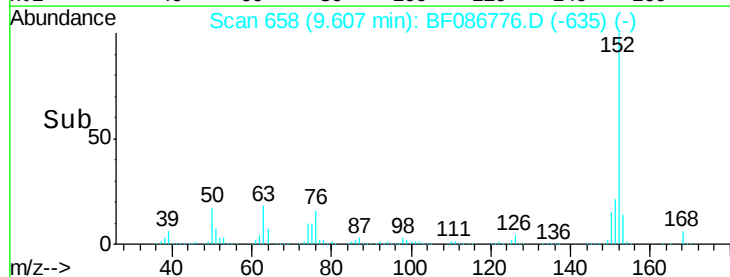
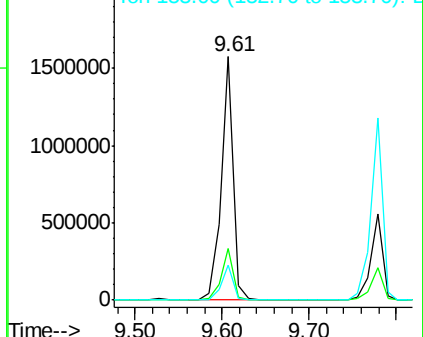
152 100

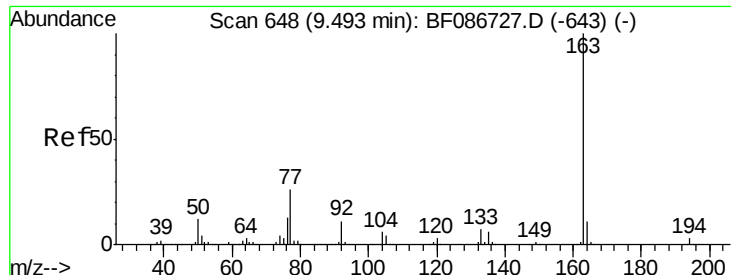
151 21.0 16.8 25.2

153 14.4 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

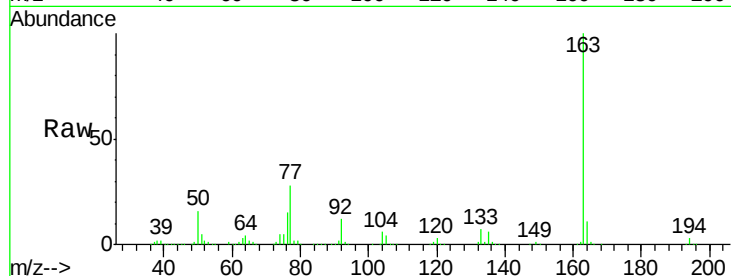




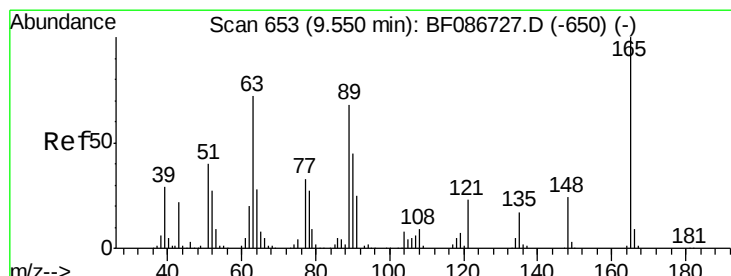
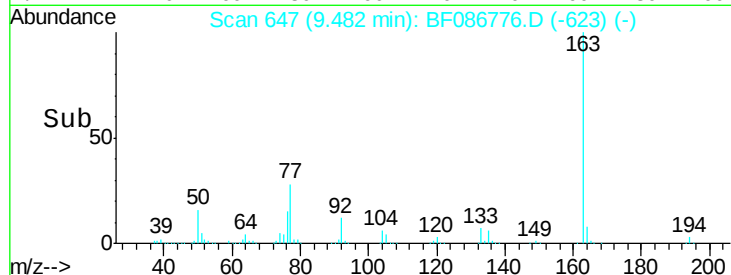
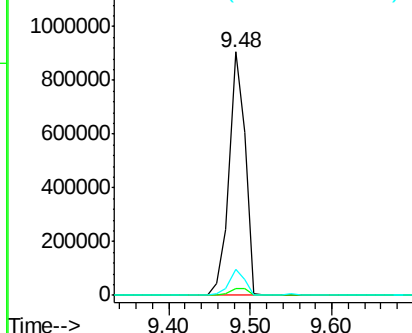
#49
Dimethylphthalate
Concen: 38.93 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1249993
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.5 8.2 12.4

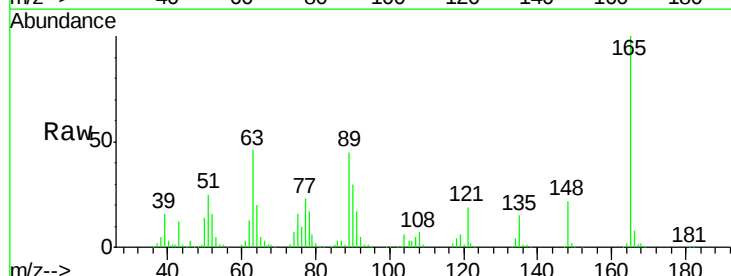


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

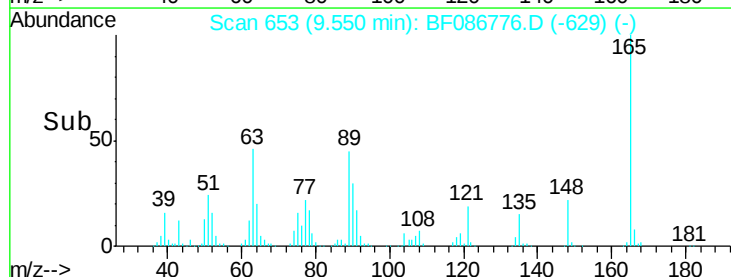
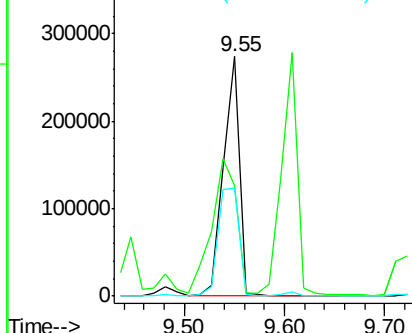


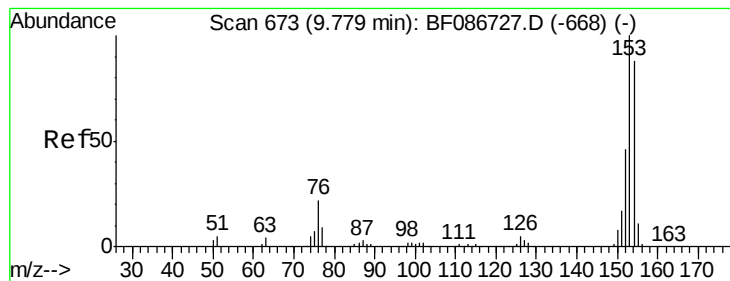
#50
2,6-Dinitrotoluene
Concen: 43.94 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion:165 Resp: 302830
Ion Ratio Lower Upper
165 100
63 46.1 51.8 77.8#
89 45.3 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: 36.24 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

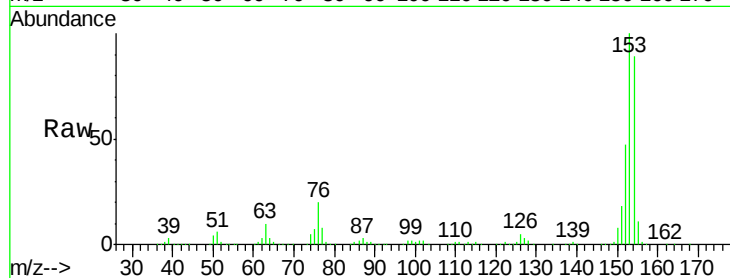
Tgt Ion:154 Resp: 964448

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

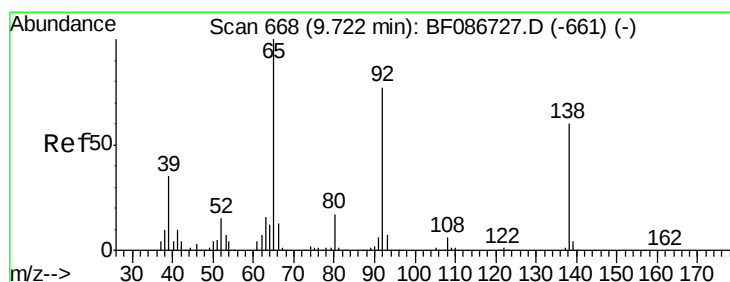
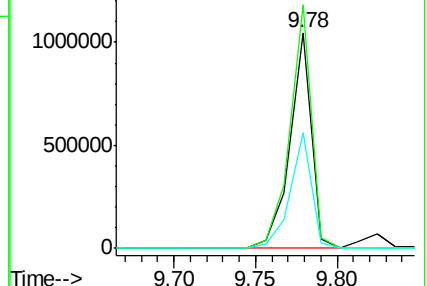
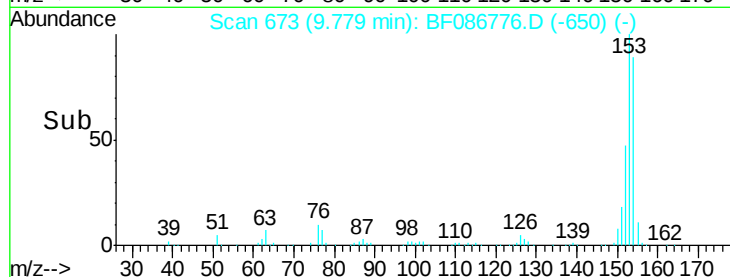
152 53.4 43.4 65.0



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: 37.30 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

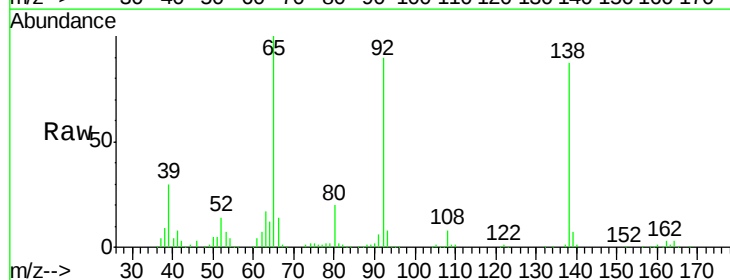
Tgt Ion:138 Resp: 292184

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

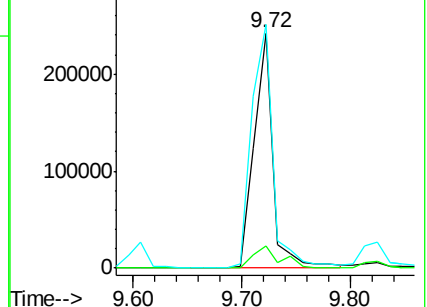
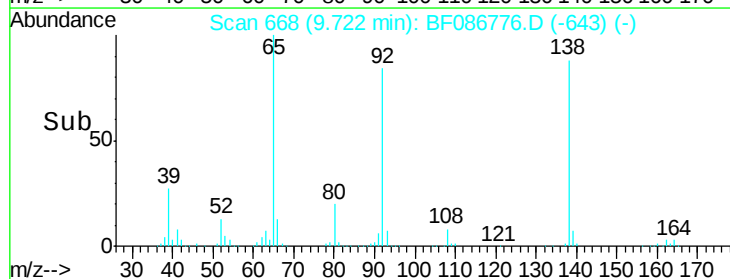
92 103.6 87.8 131.8

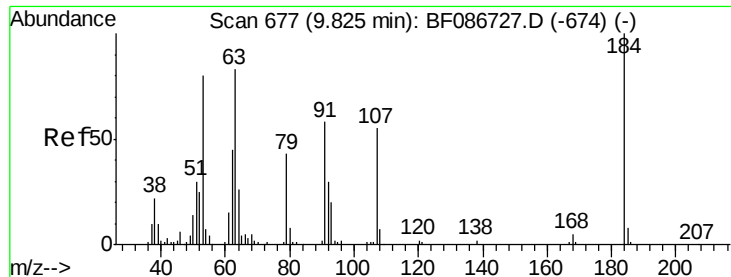


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

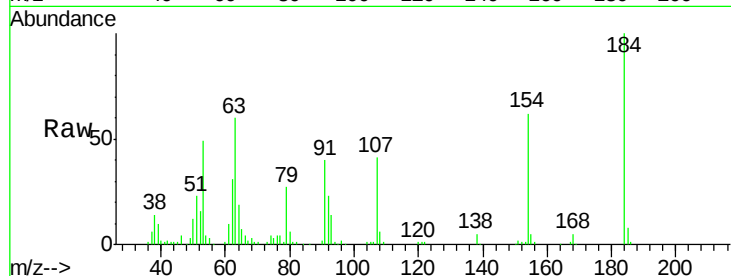




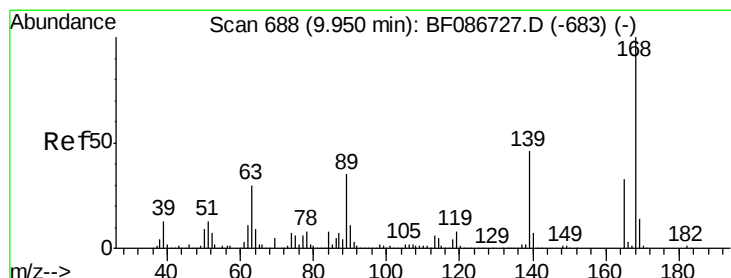
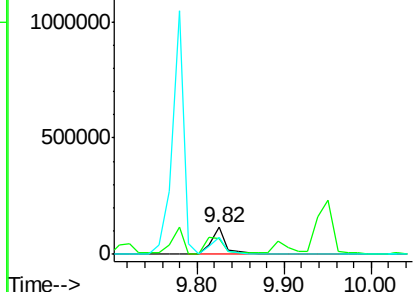
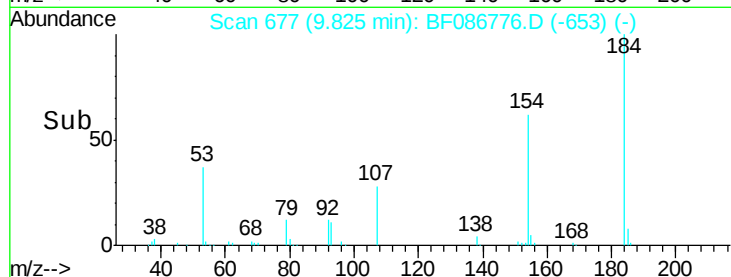
#53
2,4-Dinitrophenol
Concen: 59.05 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 137390
Ion Ratio Lower Upper
184 100
63 60.4 55.8 83.8
154 62.4 62.4 93.6

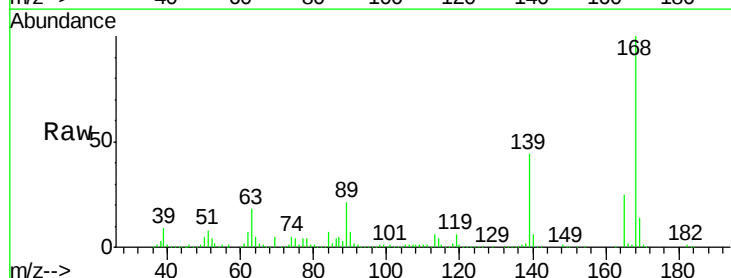


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

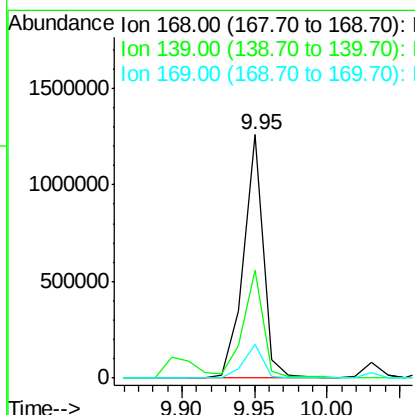
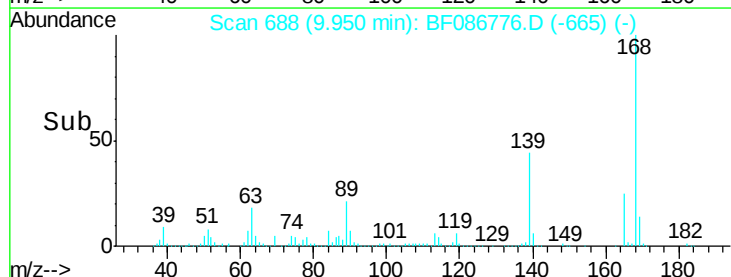


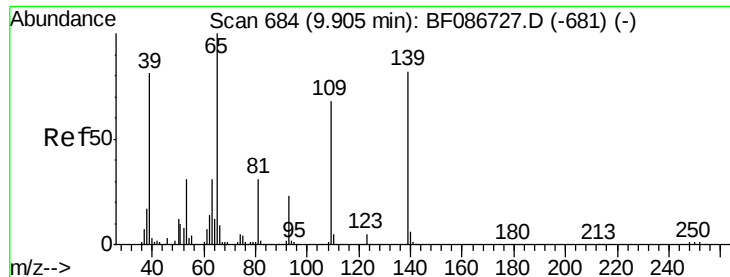
#54
Dibenzofuran
Concen: 36.16 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion:168 Resp: 1192723
Ion Ratio Lower Upper
168 100
139 44.4 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

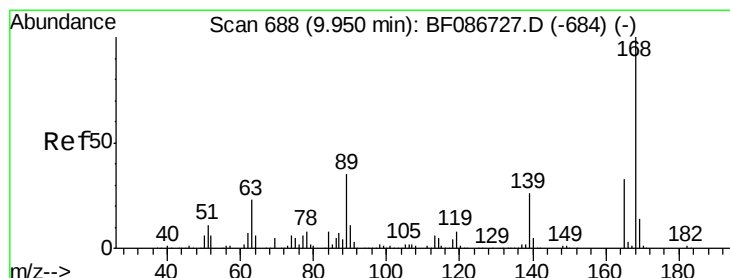
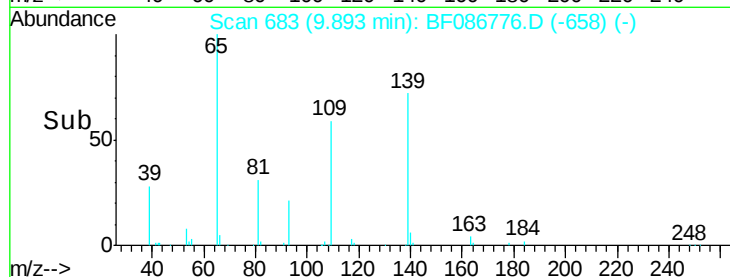
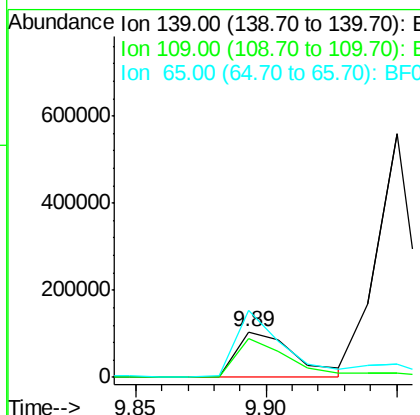
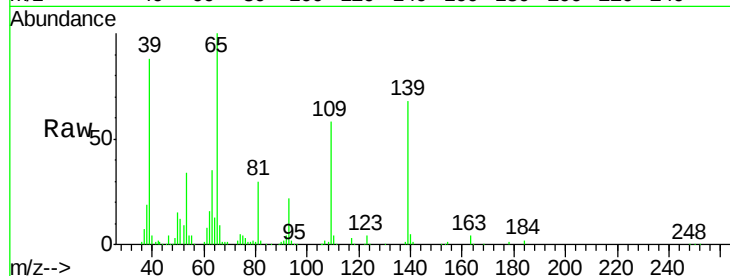




#55
4-Nitrophenol
Concen: 35.95 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

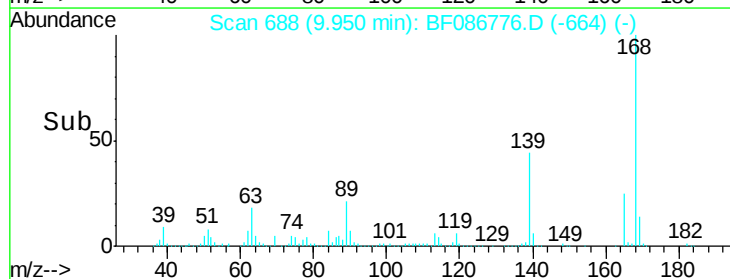
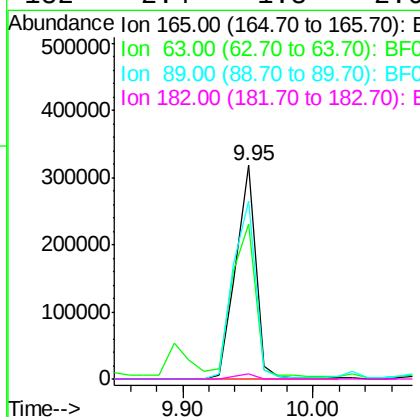
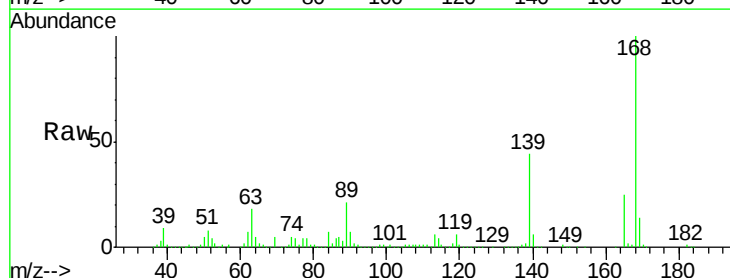
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

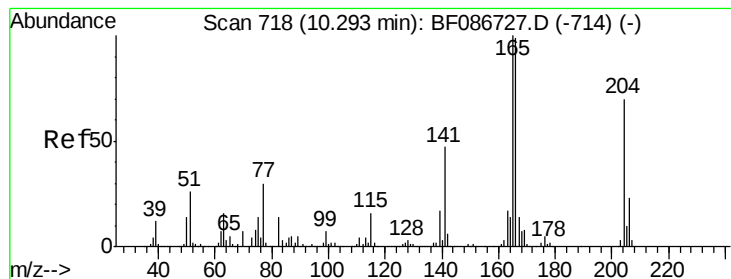
Tgt Ion:139 Resp: 164175
Ion Ratio Lower Upper
139 100
109 85.8 36.9 76.9#
65 147.1 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 39.73 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion:165 Resp: 339303
Ion Ratio Lower Upper
165 100
63 72.7 44.3 66.5#
89 83.5 70.0 105.0
182 2.4 1.8 2.6





#57

Fluorene

Concen: 40.40 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

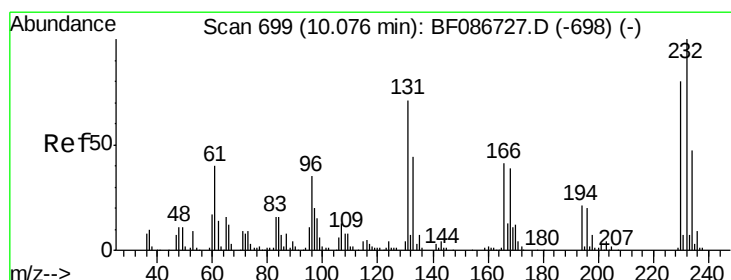
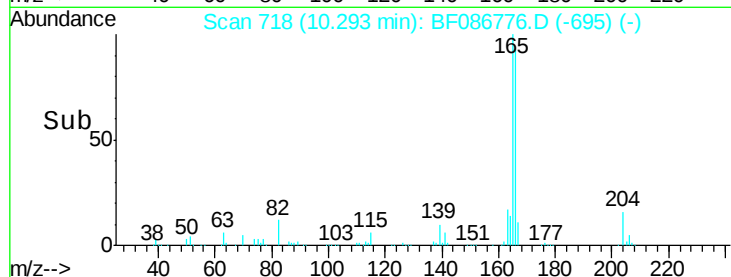
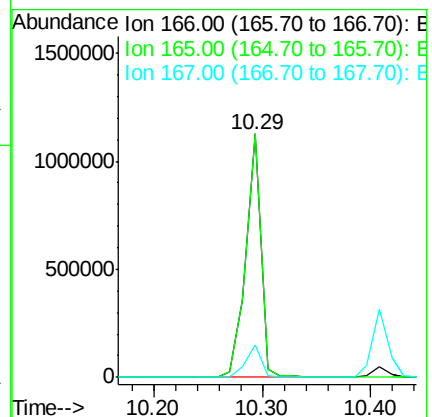
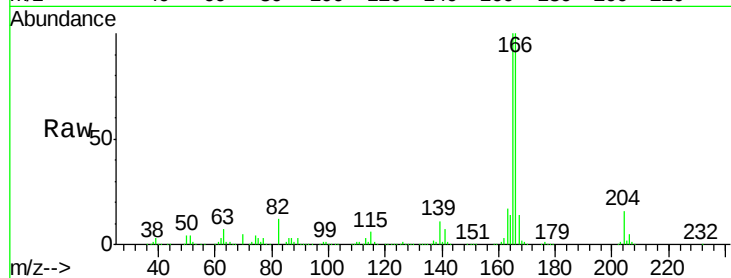
Tgt Ion:166 Resp: 1080015

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

167 13.5 10.6 15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.20 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Tgt Ion:232 Resp: 262778

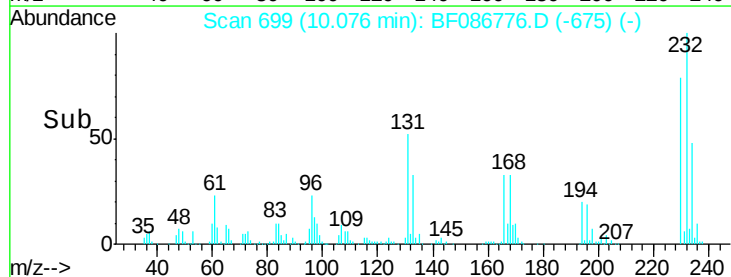
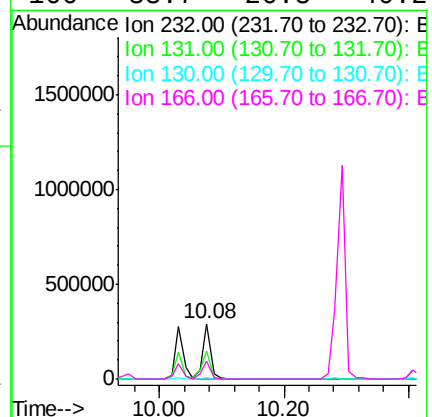
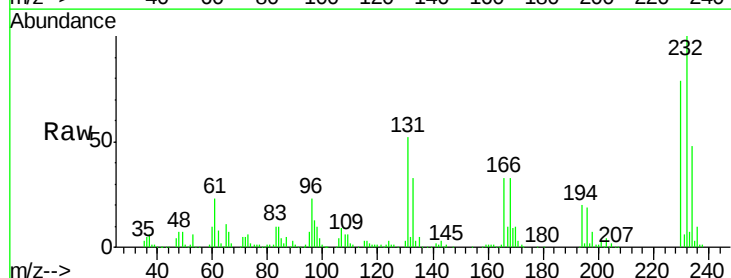
Ion Ratio Lower Upper

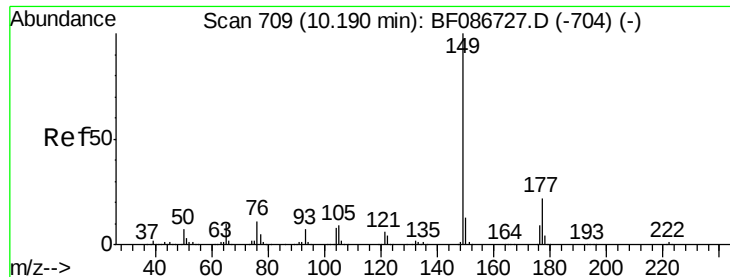
232 100

131 54.4 41.9 62.9

130 2.9 2.2 3.4

166 33.7 26.8 40.2

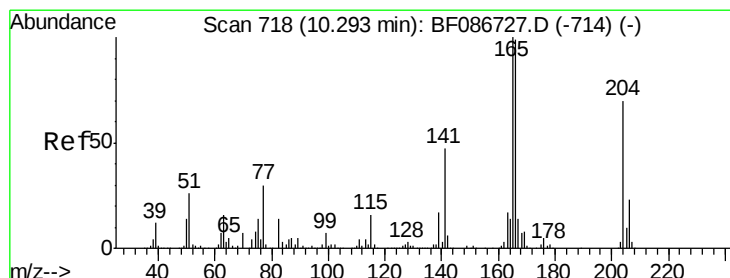
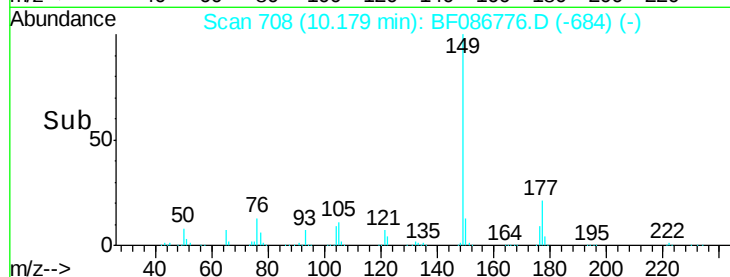
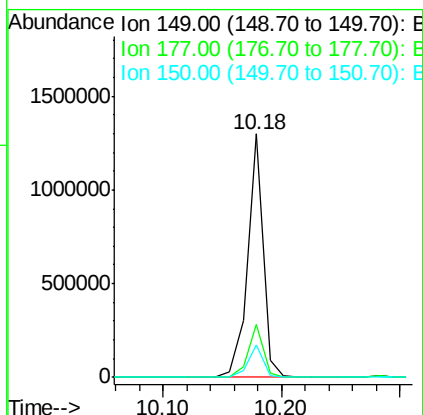
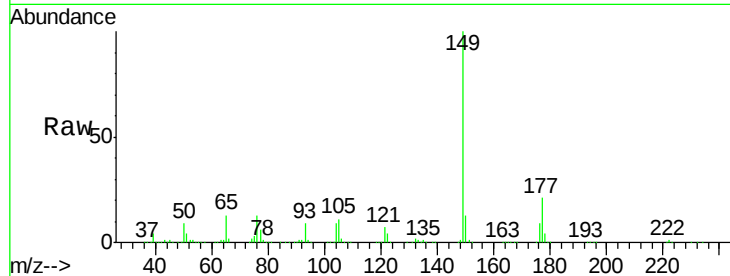




#59
Diethylphthalate
Concen: 39.13 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

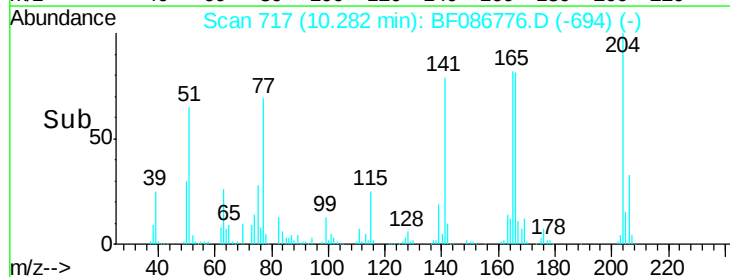
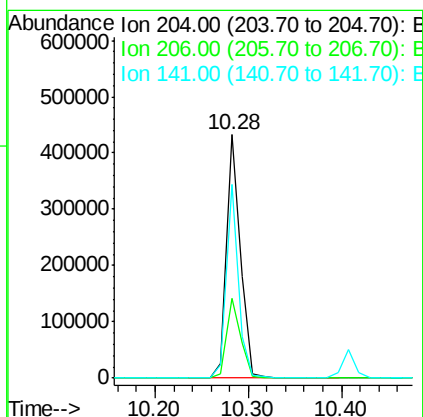
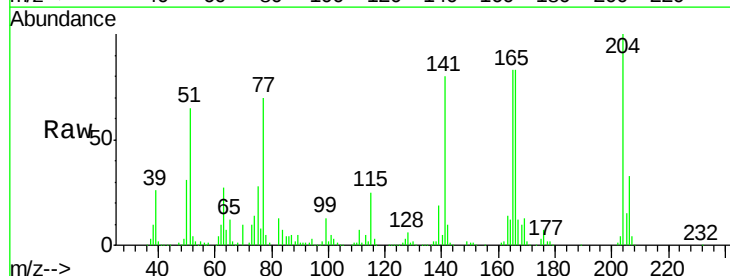
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

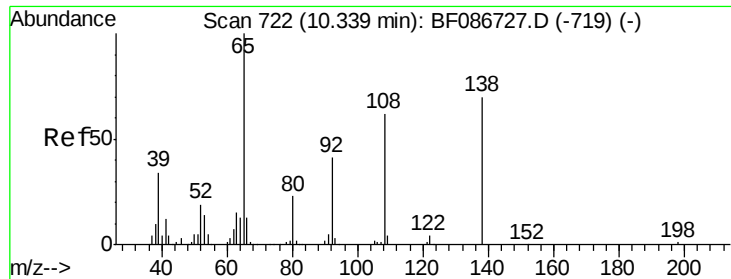
Tgt Ion:149 Resp: 1189376
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 13.1 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 35.30 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion:204 Resp: 448598
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 79.6 61.6 92.4

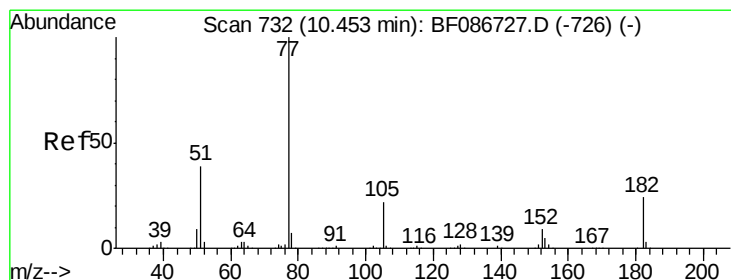
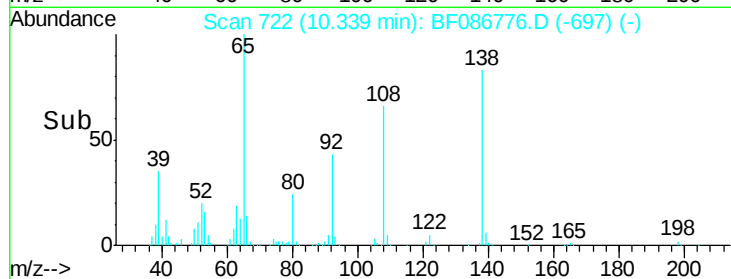
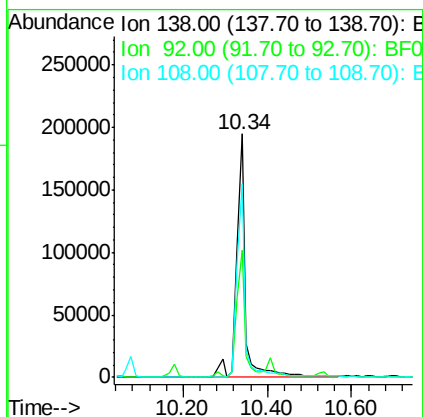
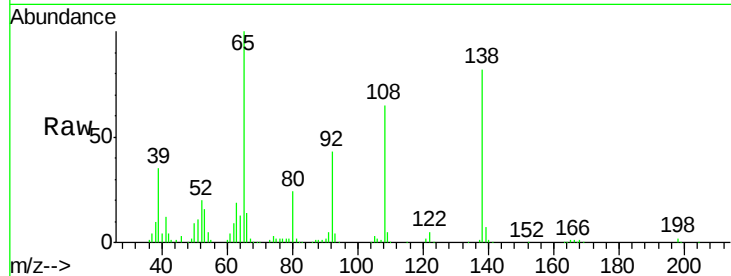




#61
4-Nitroaniline
Concen: 37.52 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

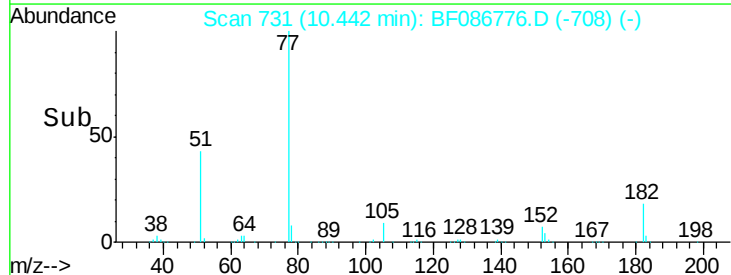
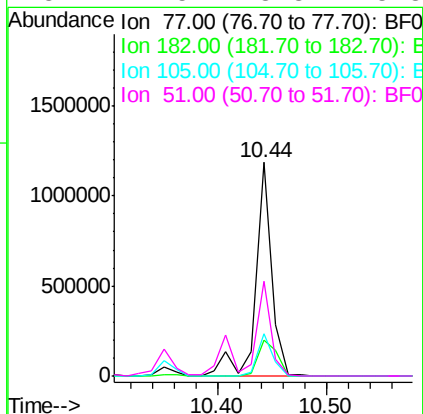
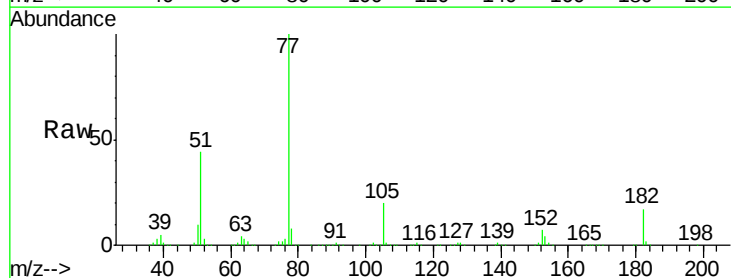
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

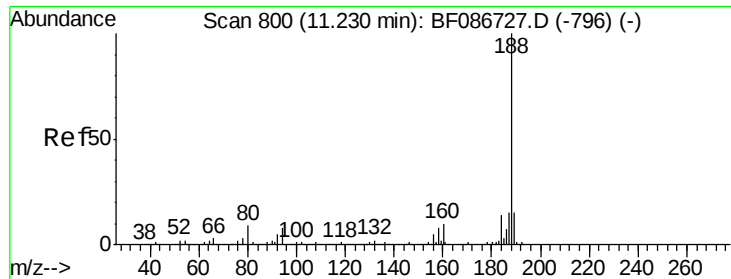
Tgt Ion:138 Resp: 282465
Ion Ratio Lower Upper
138 100
92 52.2 24.7 64.7
108 79.5 37.4 77.4#



#62
Azobenzene
Concen: 36.38 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion: 77 Resp: 1225350
Ion Ratio Lower Upper
77 100
182 17.1 0.0 38.8
105 19.8 3.2 43.2
51 44.5 8.8 48.8





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

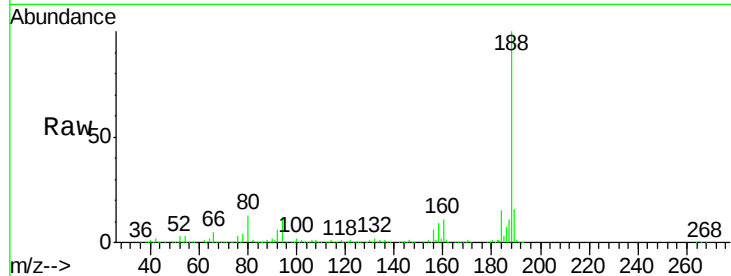
Tgt Ion:188 Resp: 729534

Ion Ratio Lower Upper

188 100

94 11.9 6.8 10.2#

80 13.3 7.1 10.7#



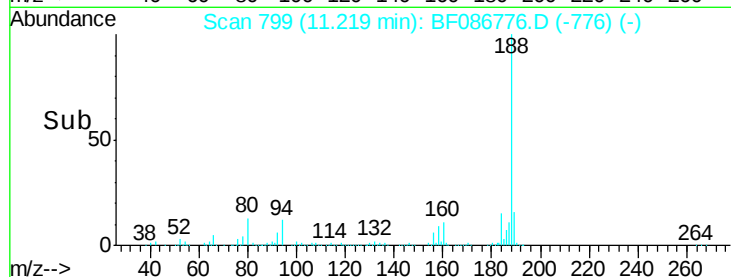
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

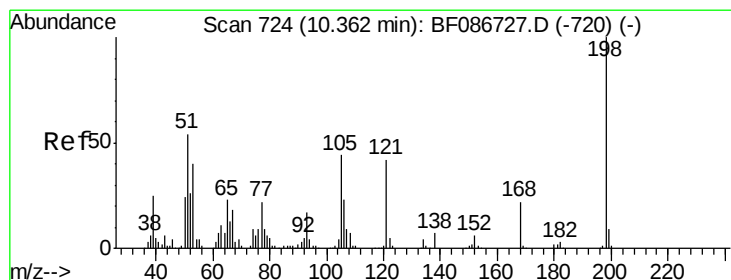
Ion 80.00 (79.70 to 80.70): BF0

11.22

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 52.20 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

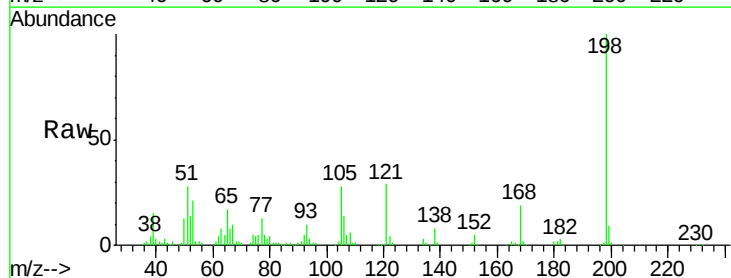
Tgt Ion:198 Resp: 198569

Ion Ratio Lower Upper

198 100

51 28.1 20.5 60.5

105 27.7 24.5 64.5



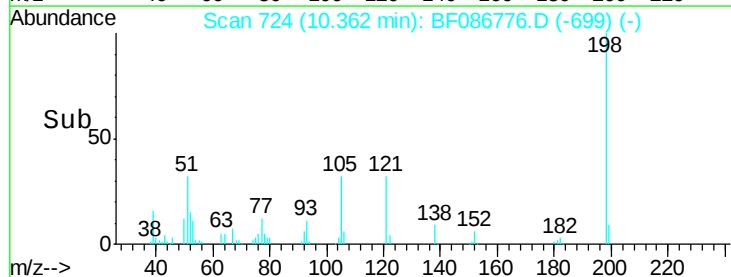
Abundance Ion 198.00 (197.70 to 198.70): E

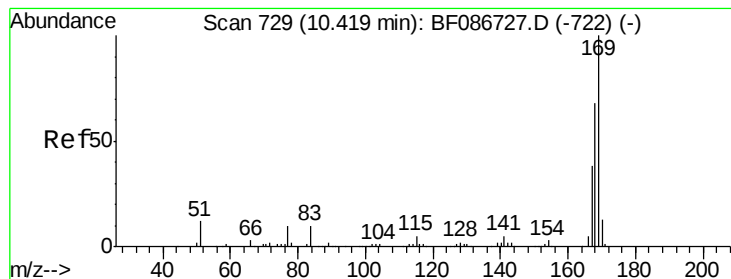
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.36

Time-->





#65

n-Nitrosodiphenylamine

Concen: 36.40 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

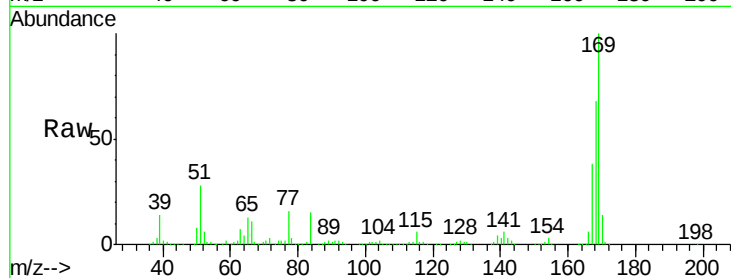
Tgt Ion:169 Resp: 843213

Ion Ratio Lower Upper

169 100

168 67.8 53.8 80.6

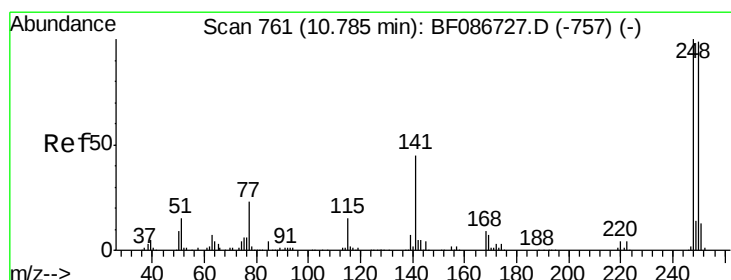
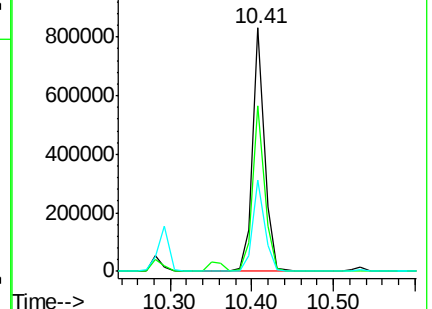
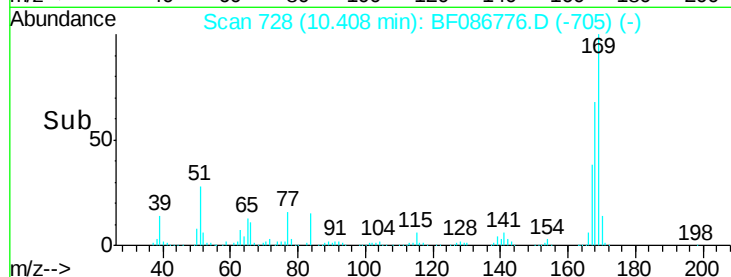
167 37.7 29.5 44.3



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: 42.39 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

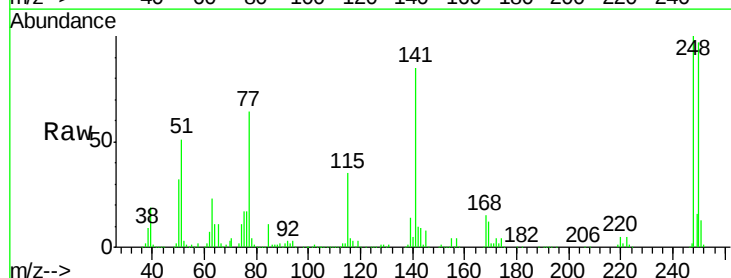
Tgt Ion:248 Resp: 307336

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

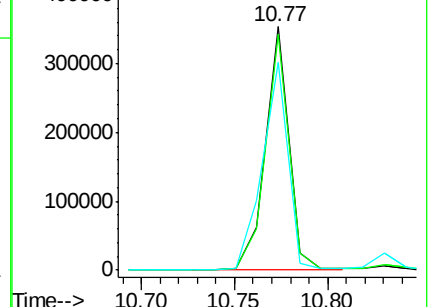
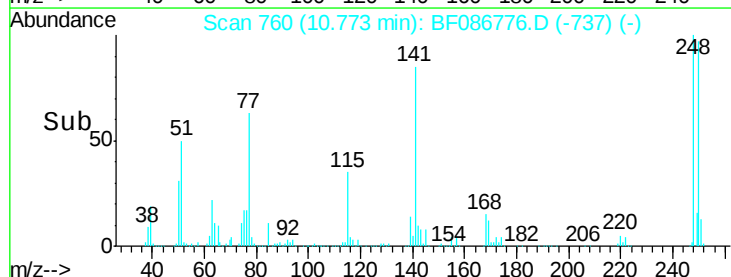
141 85.2 76.0 114.0

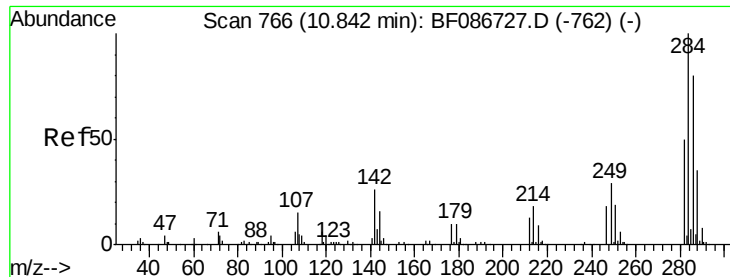


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

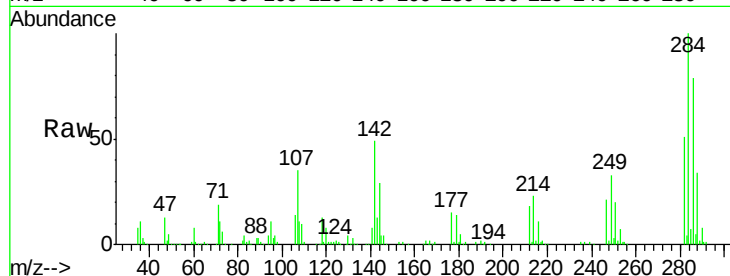




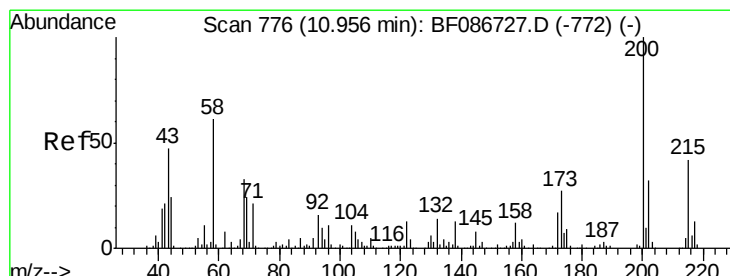
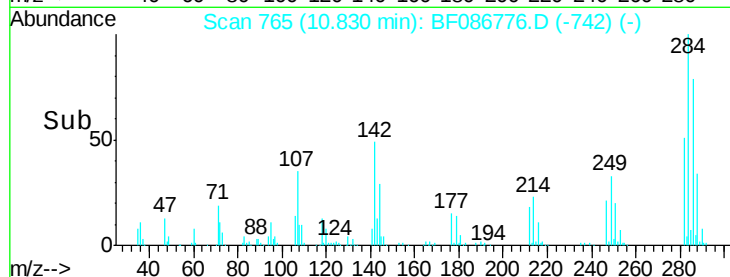
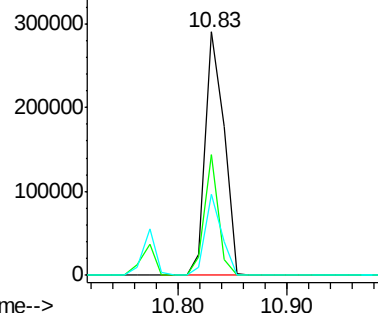
#67
Hexachlorobenzene
Concen: 38.57 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 340992
Ion Ratio Lower Upper
284 100
142 49.5 16.7 25.1#
249 33.2 21.3 31.9#

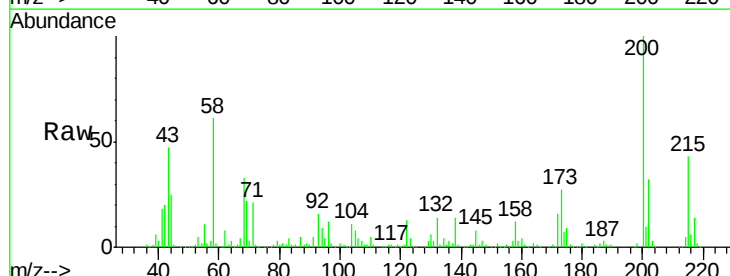


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

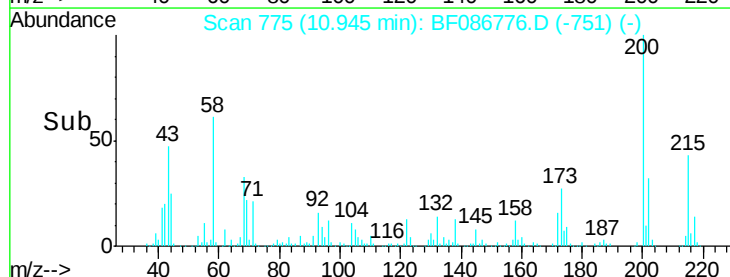
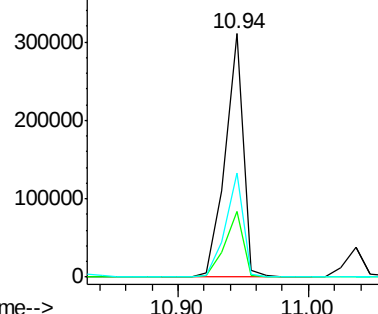


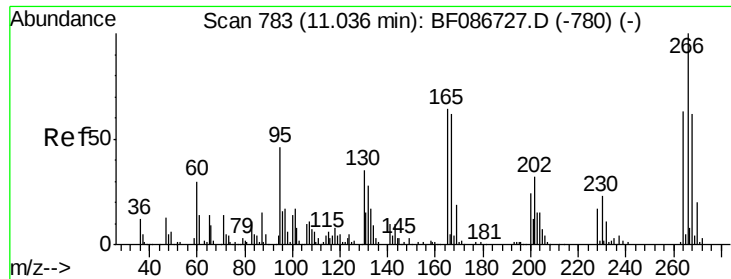
#68
Atrazine
Concen: 42.24 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF086776.D
Acq: 7 May 2016 16:12

Tgt Ion:200 Resp: 299831
Ion Ratio Lower Upper
200 100
173 27.0 8.5 48.5
215 42.8 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

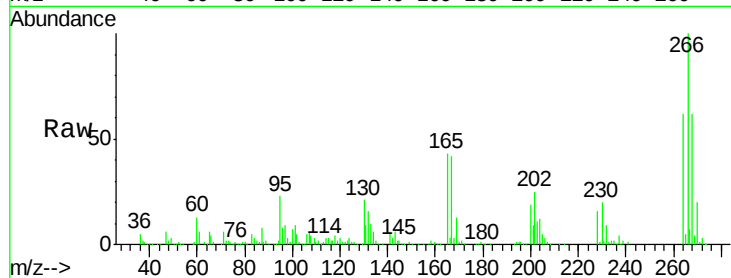




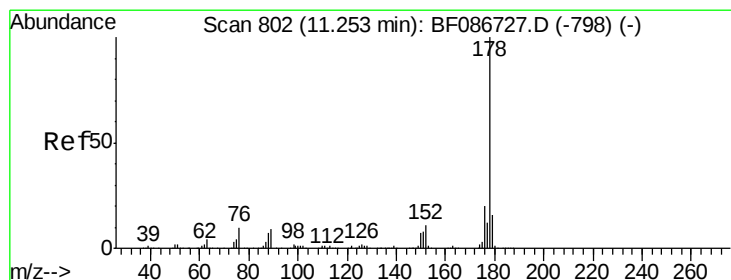
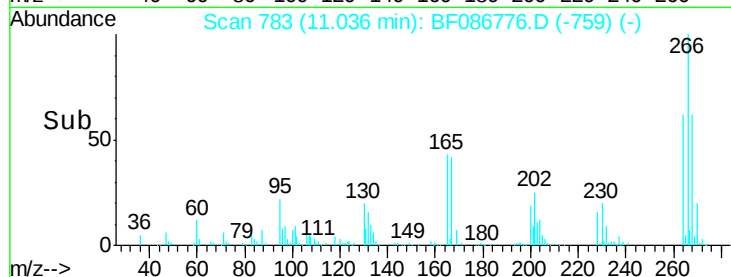
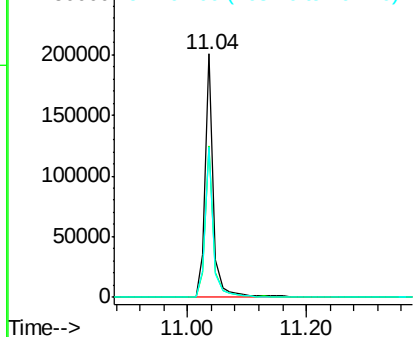
#69
 Pentachlorophenol
 Concen: 49.74 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 203239
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.5 77.3
 264 61.7 52.9 79.3

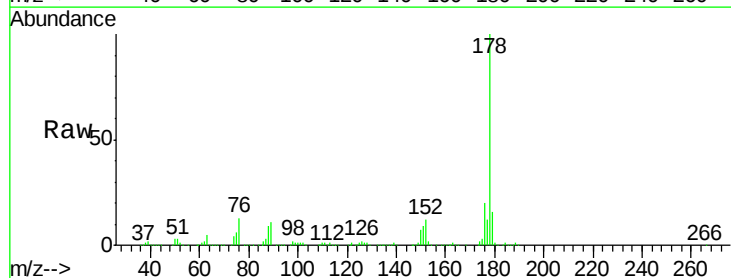


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

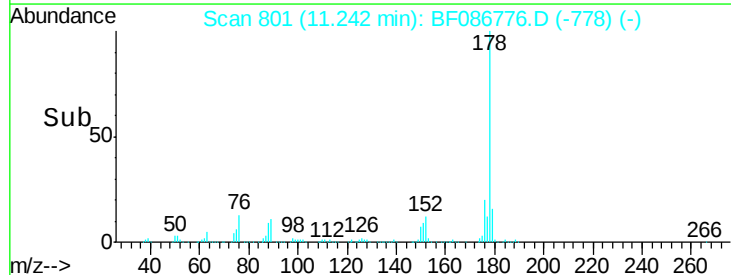
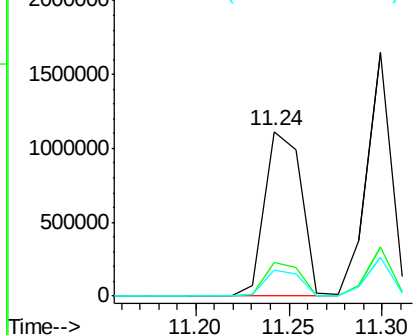


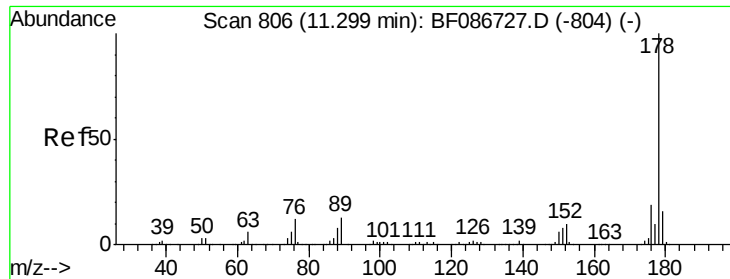
#70
 Phenanthrene
 Concen: 38.59 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion: 178 Resp: 1512108
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.0 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

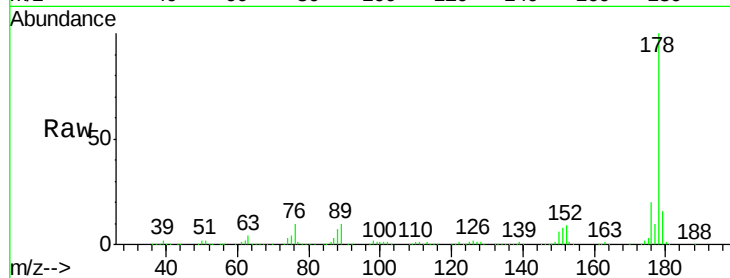




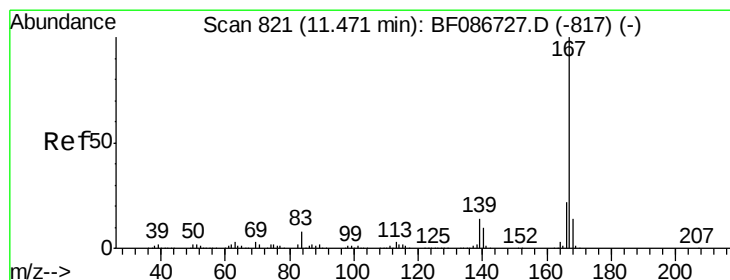
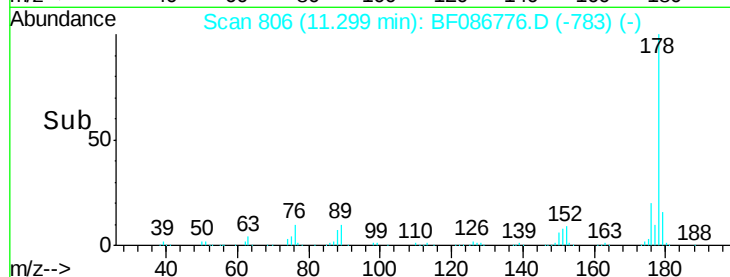
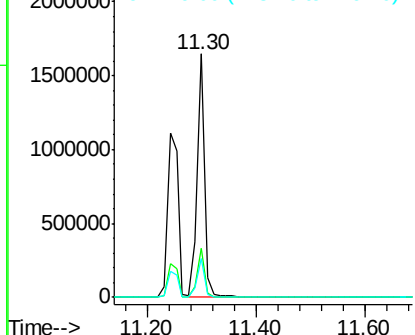
#71
 Anthracene
 Concen: 37.26 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1529071
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.6 23.4
 179 15.9 12.7 19.1

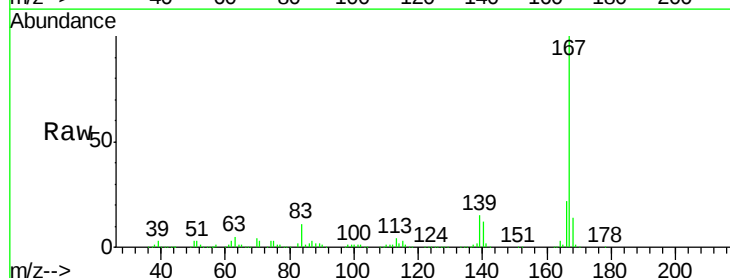


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

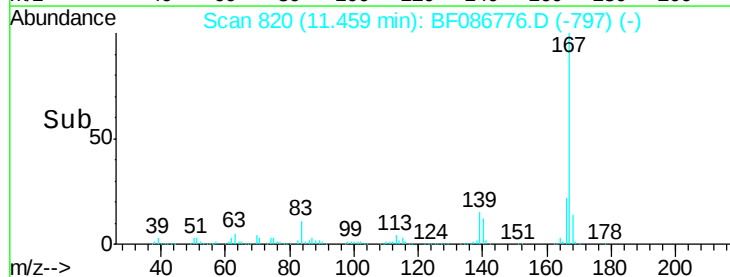
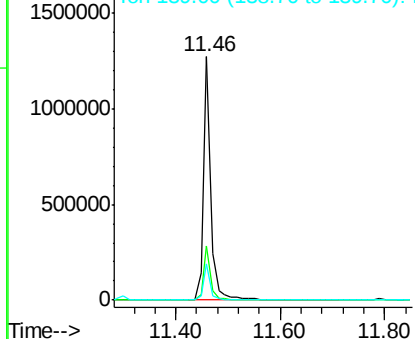


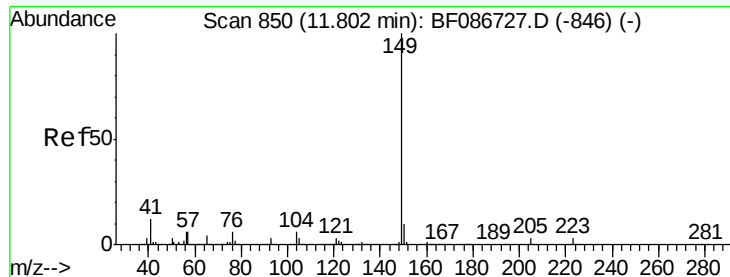
#72
 Carbazole
 Concen: 35.05 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion:167 Resp: 1248880
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 15.1 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: 37.46 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

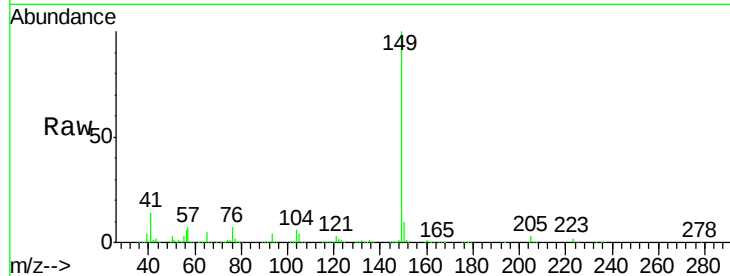
Tgt Ion:149 Resp: 1584771

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

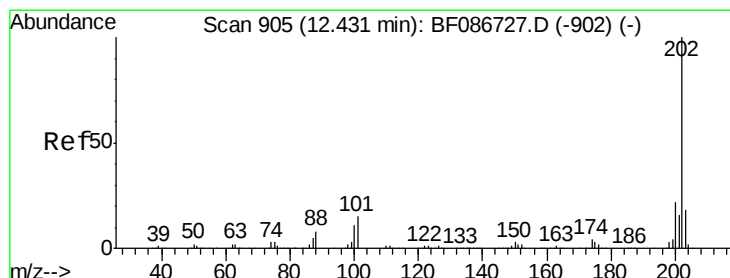
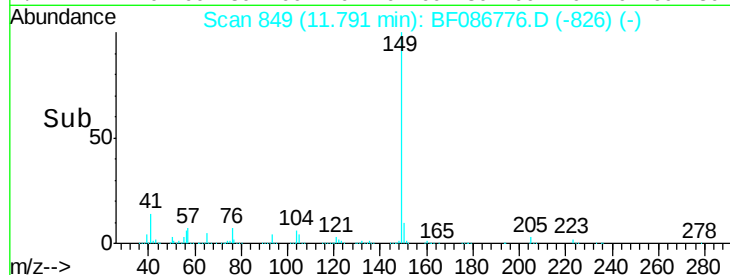
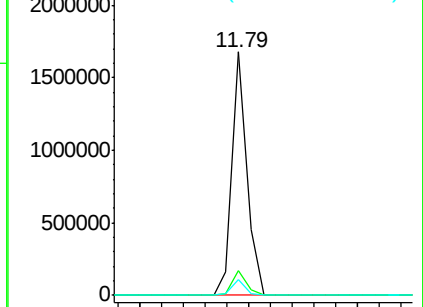
104 6.5 3.8 5.6#



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: 39.78 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

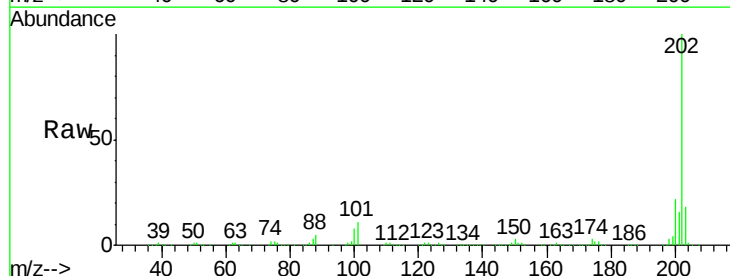
Tgt Ion:202 Resp: 1562339

Ion Ratio Lower Upper

202 100

101 10.9 0.0 35.4

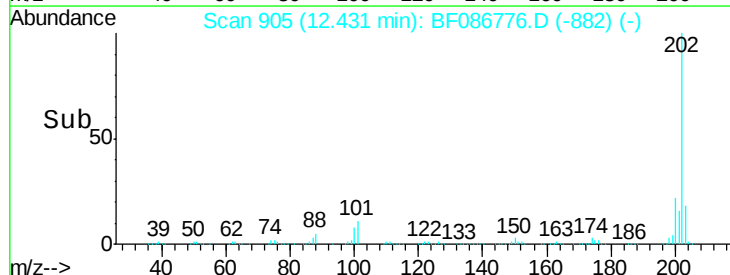
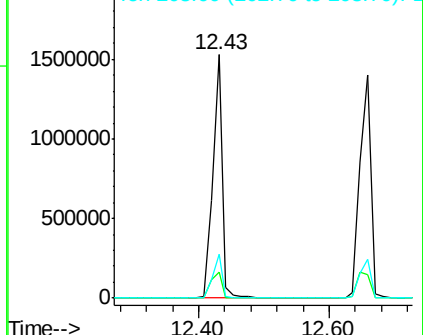
203 18.1 0.0 38.1

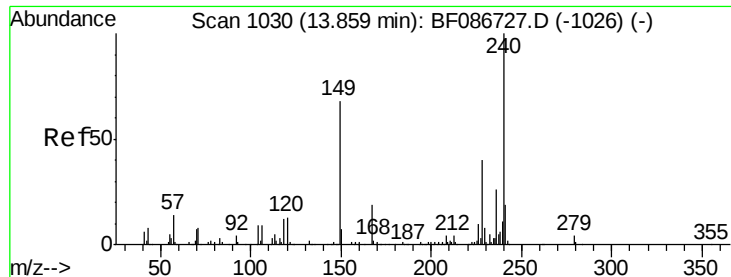


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

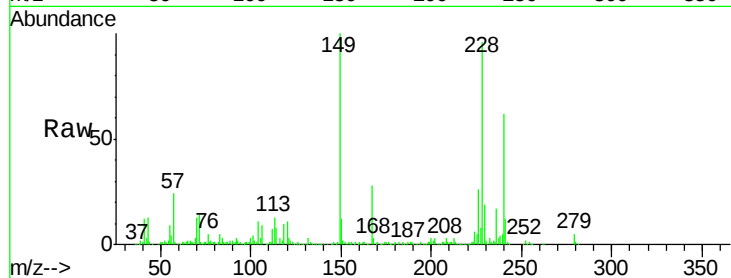
Tgt Ion:240 Resp: 454970

Ion Ratio Lower Upper

240 100

120 18.1 11.2 16.8#

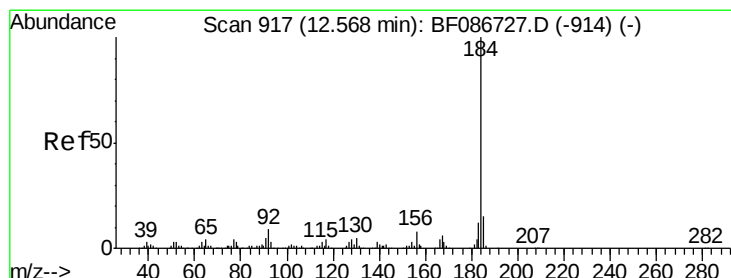
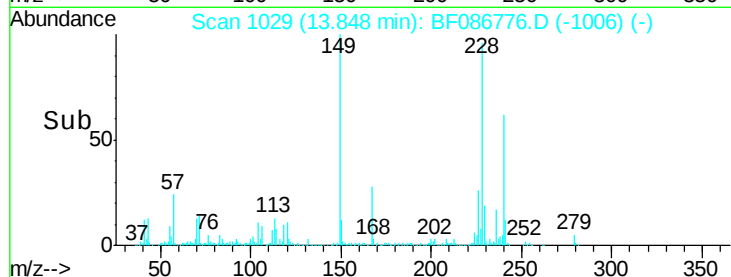
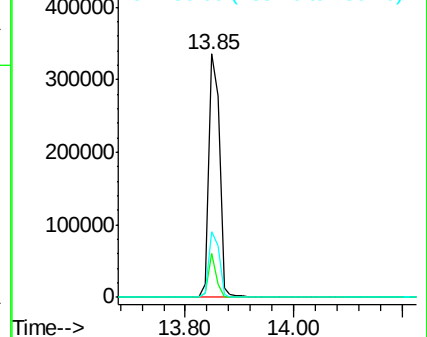
236 26.9 21.2 31.8



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: 32.13 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

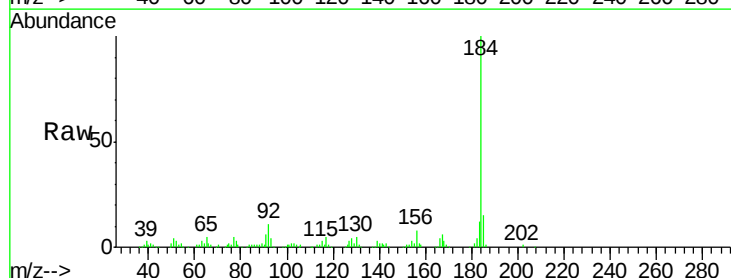
Tgt Ion:184 Resp: 366106

Ion Ratio Lower Upper

184 100

185 15.4 13.6 20.4

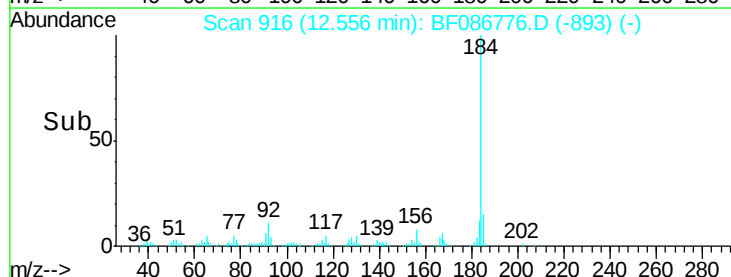
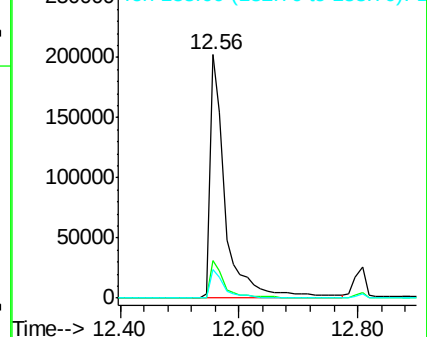
183 11.5 9.8 14.6

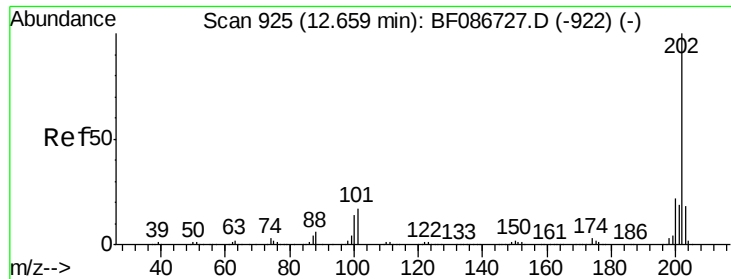


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

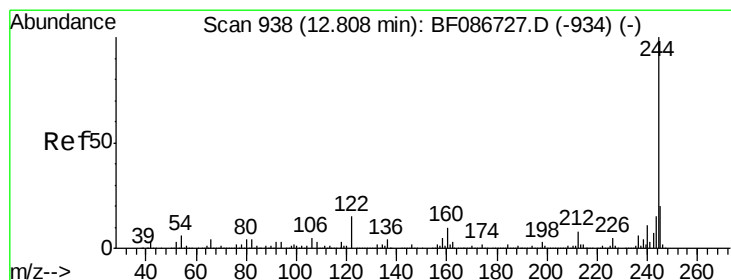
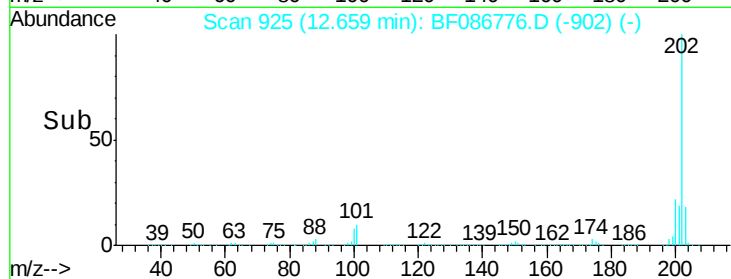
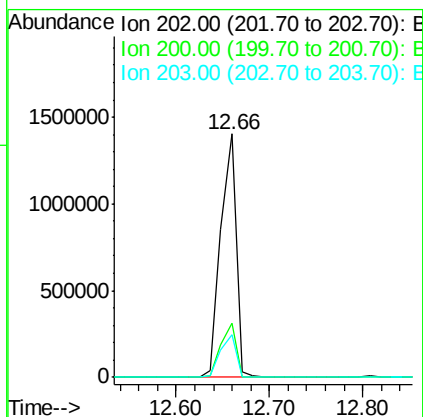
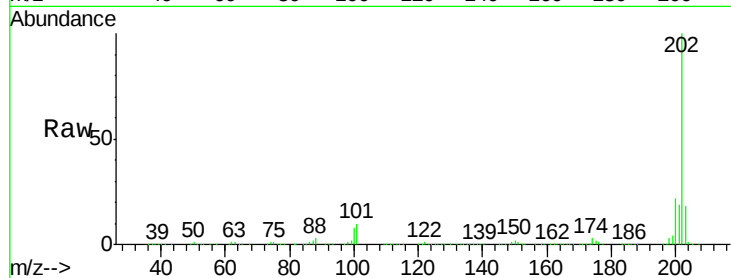




#77
 Pyrene
 Concen: 44.30 ng
 RT: 12.66 min Scan# 925
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

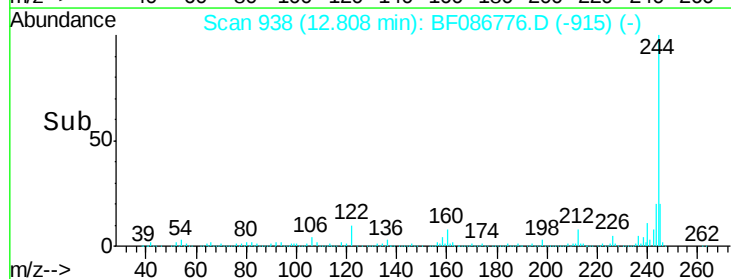
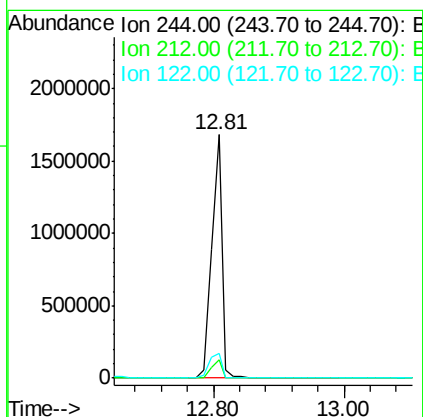
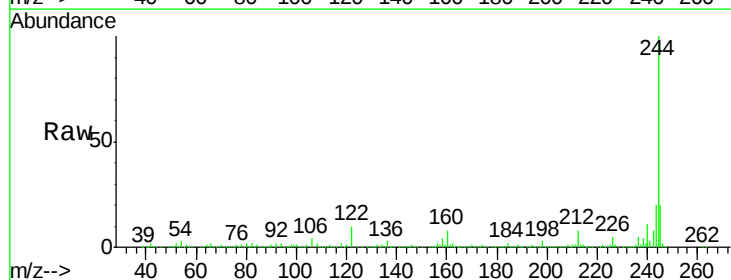
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

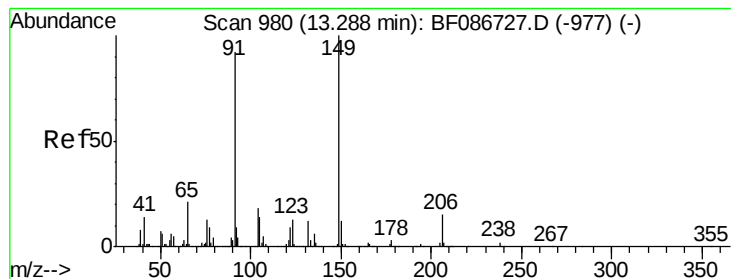
Tgt Ion: 202 Resp: 1606810
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.7 26.5
 203 17.6 14.2 21.4



#78
 Terphenyl-d14
 Concen: 83.11 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion: 244 Resp: 1871028
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.4 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 47.20 ng

RT: 13.28 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

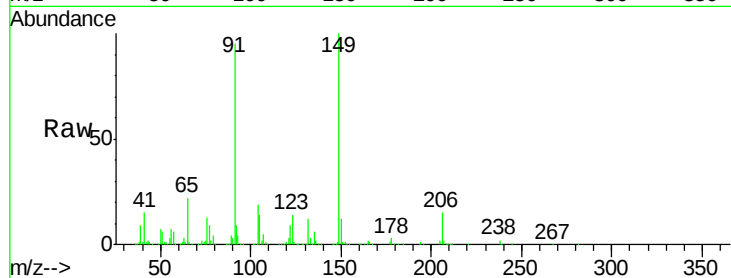
Tgt Ion:149 Resp: 717073

Ion Ratio Lower Upper

149 100

91 95.1 48.0 72.0#

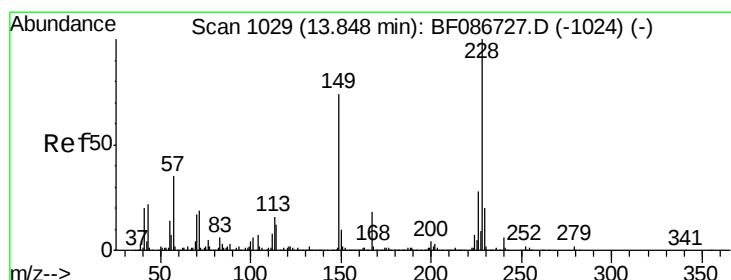
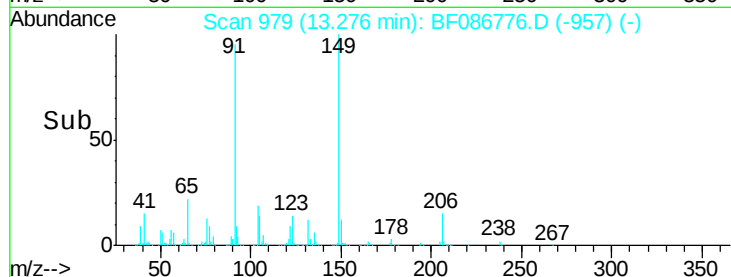
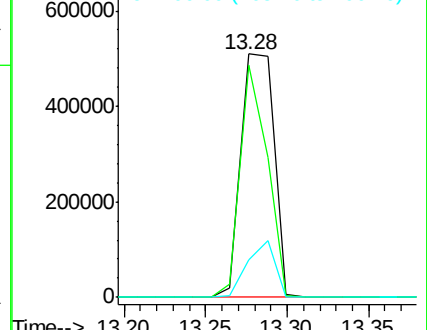
206 15.4 15.8 23.6#



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: 41.57 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

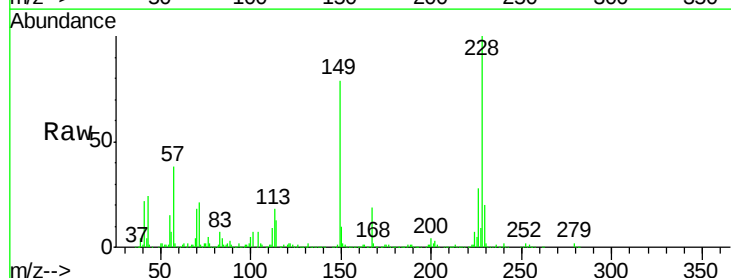
Tgt Ion:228 Resp: 1069687

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

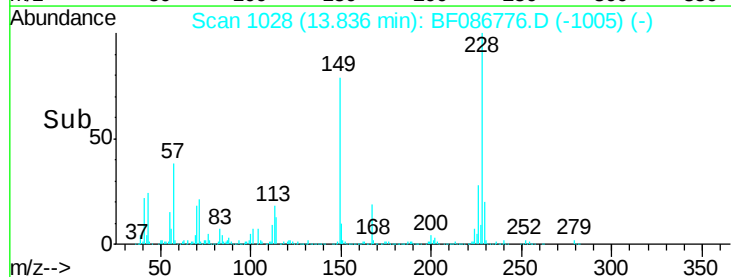
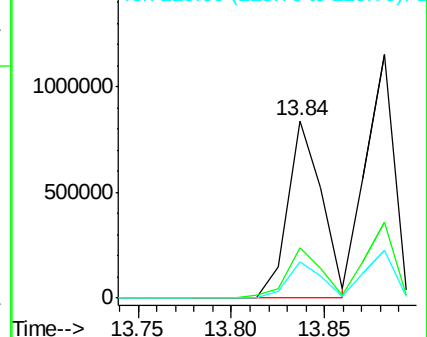
229 20.2 16.6 25.0

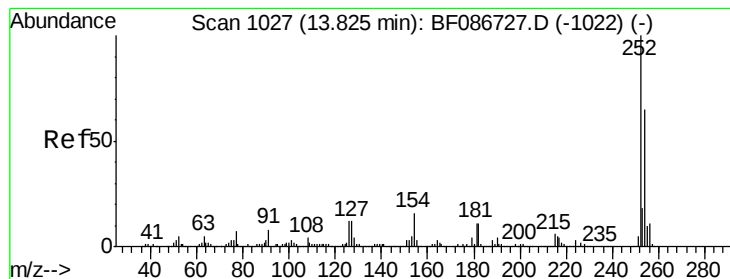


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

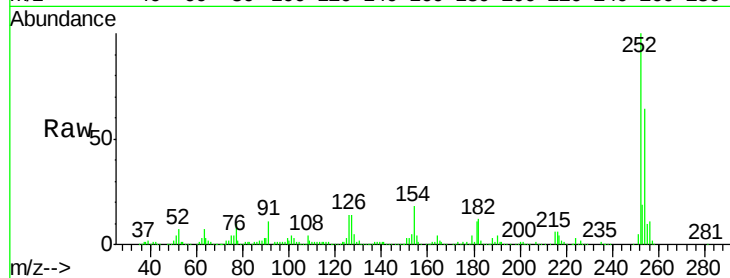




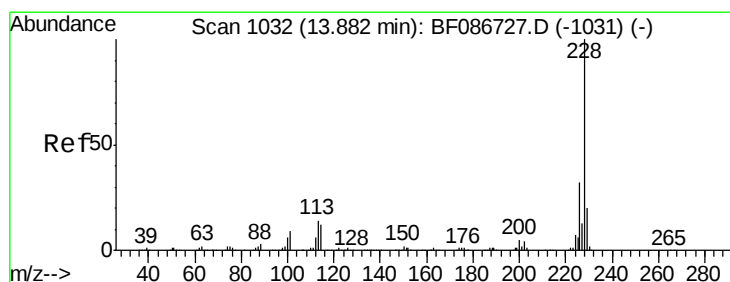
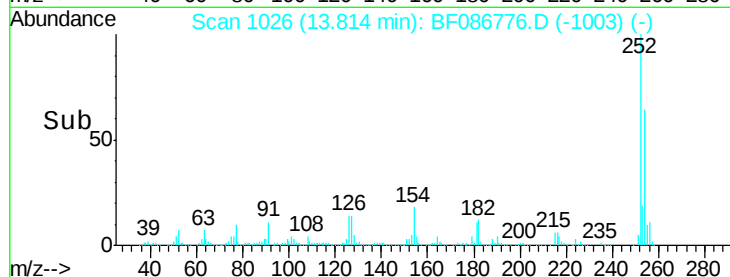
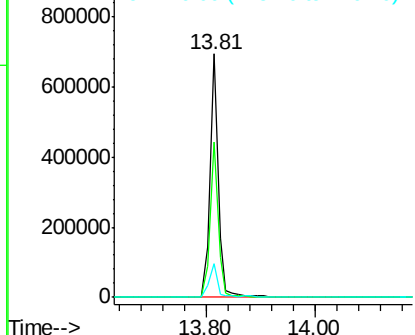
#81
 3,3'-Dichlorobenzidine
 Concen: 45.85 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 741414
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.7 76.1
 126 13.9 12.7 19.1

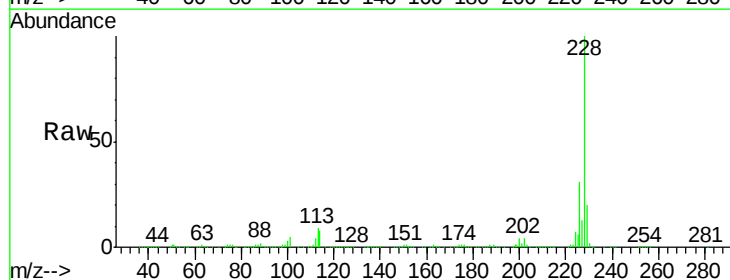


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

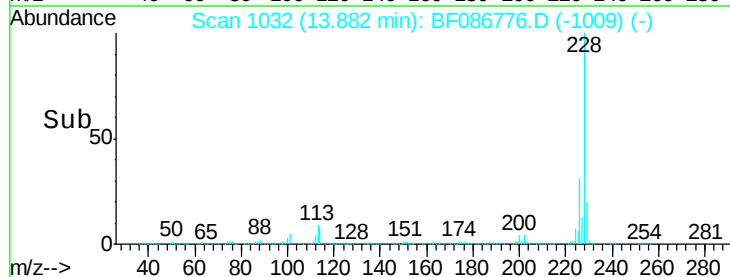
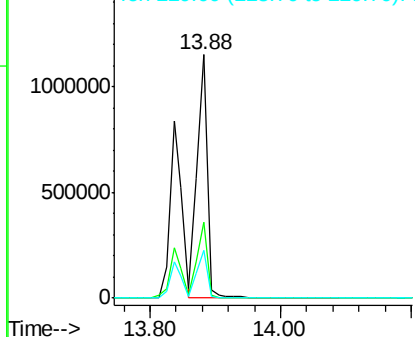


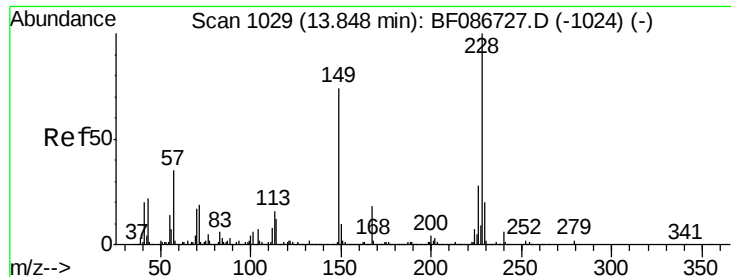
#82
 Chrysene
 Concen: 45.12 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion: 228 Resp: 1238543
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 19.7 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: 49.19 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

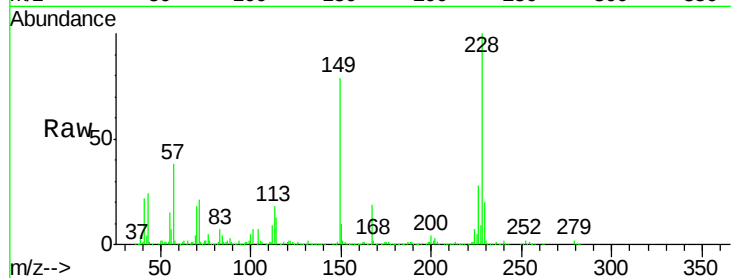
Tgt Ion:149 Resp: 864744

Ion Ratio Lower Upper

149 100

167 24.1 21.8 32.6

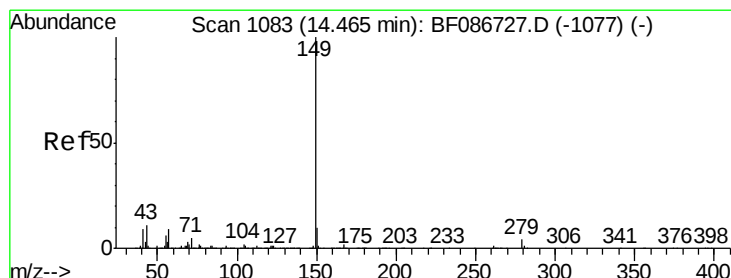
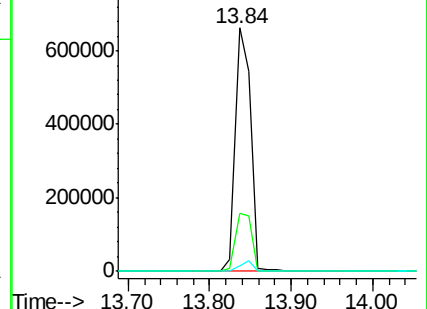
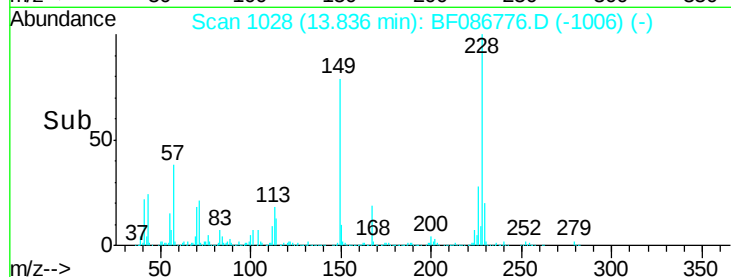
279 2.1 2.6 4.0#



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: 61.43 ng

RT: 14.45 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

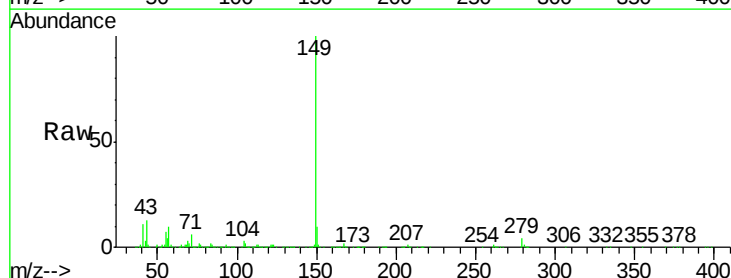
Tgt Ion:149 Resp: 1589180

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

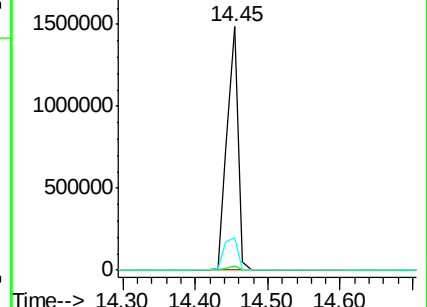
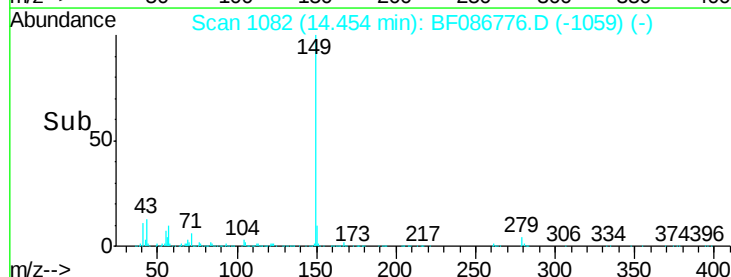
43 17.0 8.2 12.4#

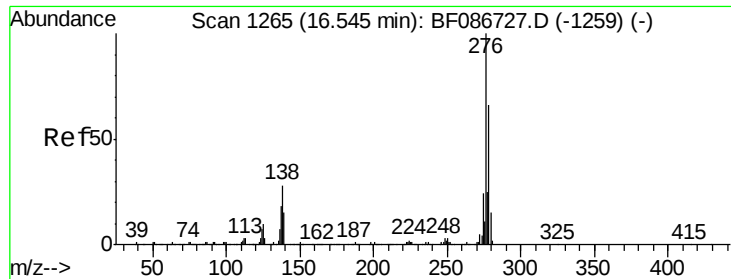


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

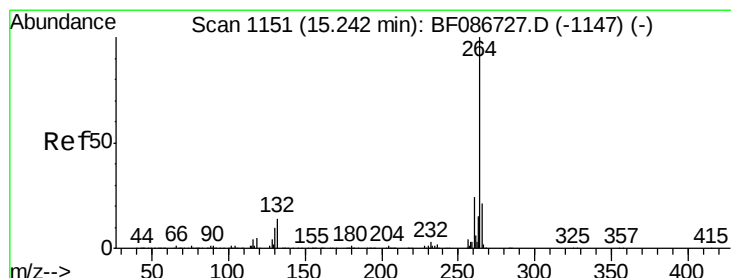
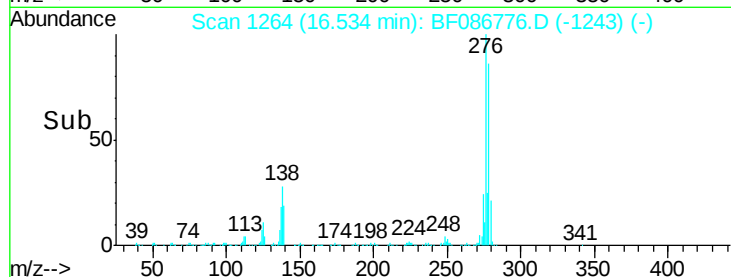
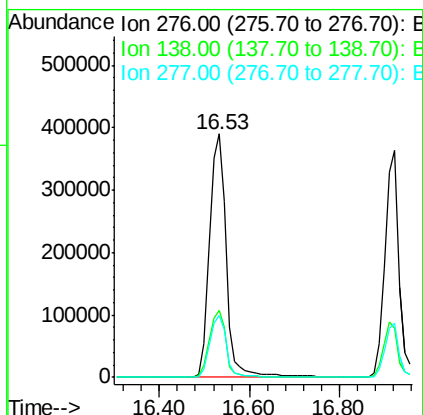
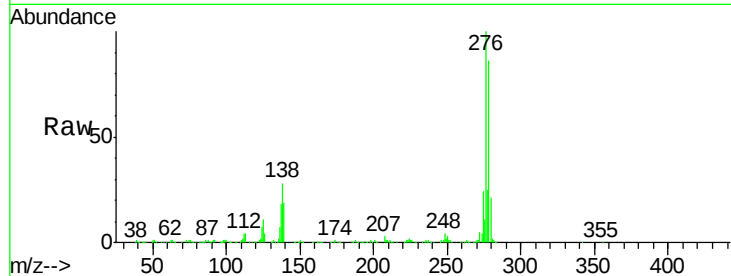




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.03 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.06 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

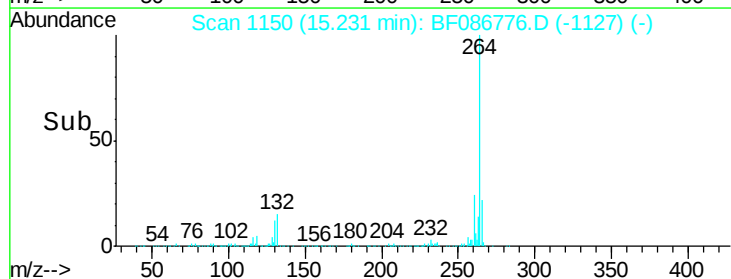
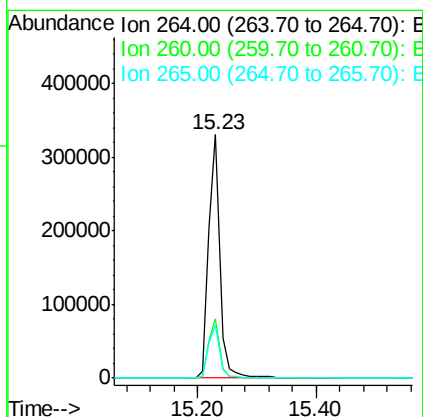
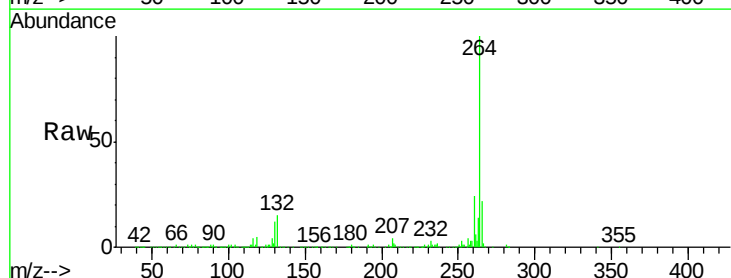
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

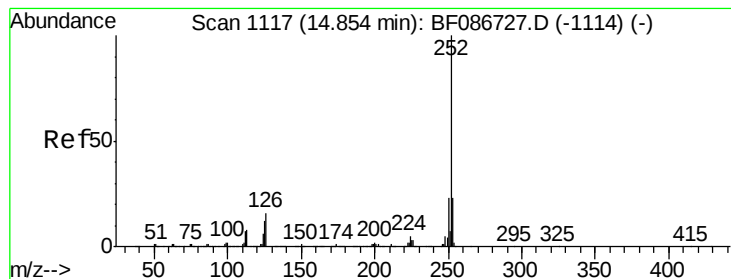
Tgt Ion: 276 Resp: 1013422
 Ion Ratio Lower Upper
 276 100
 138 27.8 25.6 38.4
 277 25.5 20.5 30.7



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF086776.D
 Acq: 7 May 2016 16:12

Tgt Ion: 264 Resp: 437340
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 79.09 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

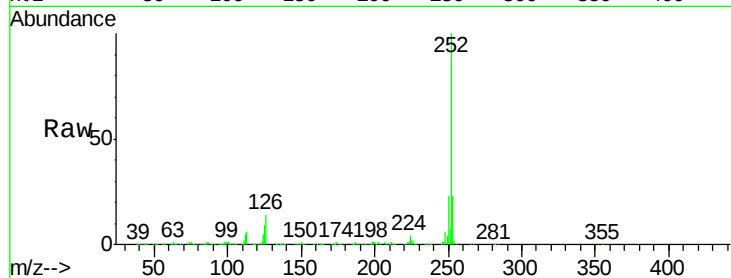
Tgt Ion:252 Resp: 2078418

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

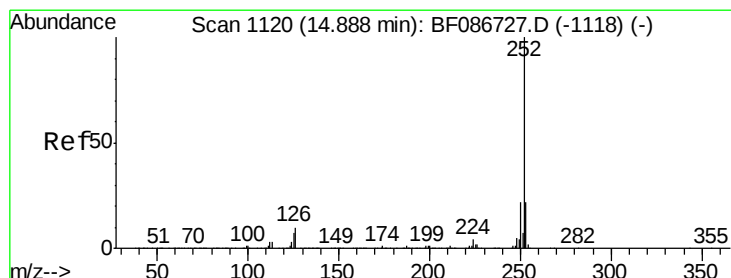
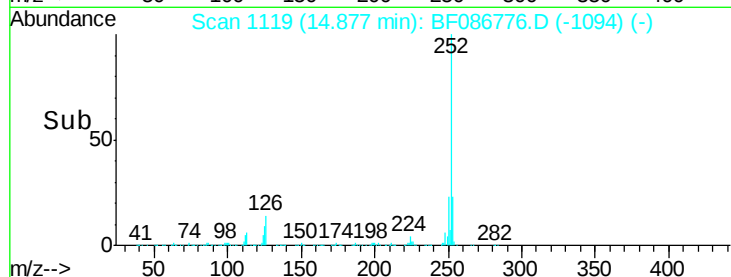
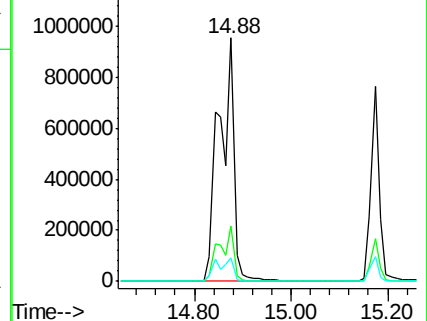
125 9.4 11.4 17.0#



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: 83.98 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

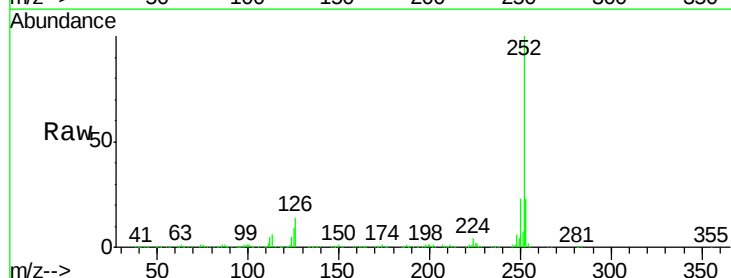
Tgt Ion:252 Resp: 2079396

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

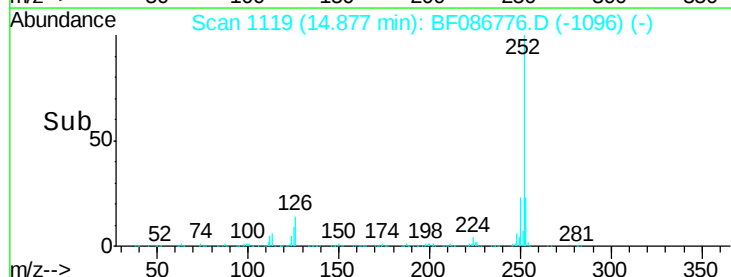
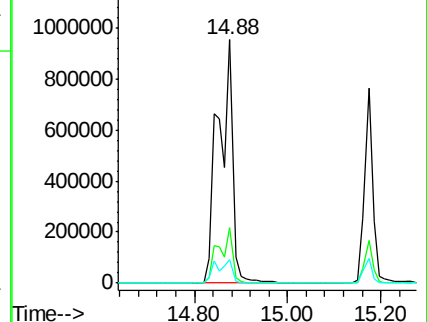
125 9.4 9.1 13.7

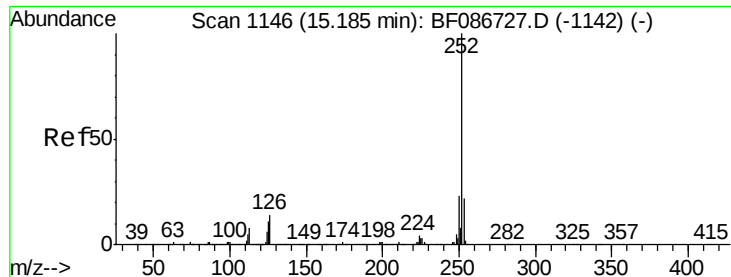


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.49 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

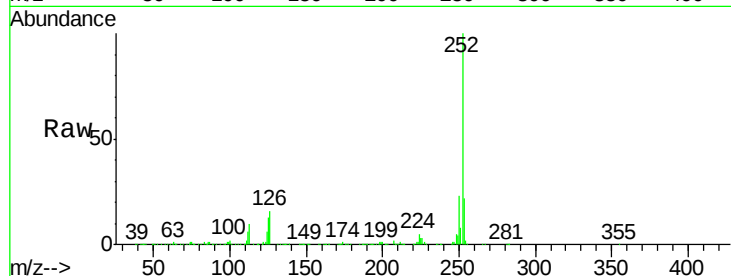
Tgt Ion:252 Resp: 931605

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

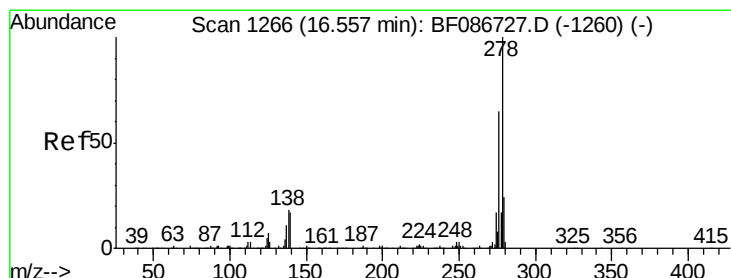
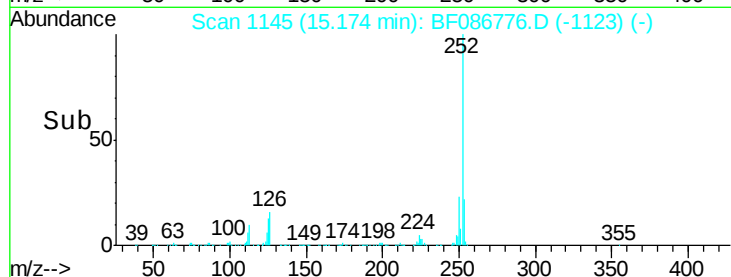
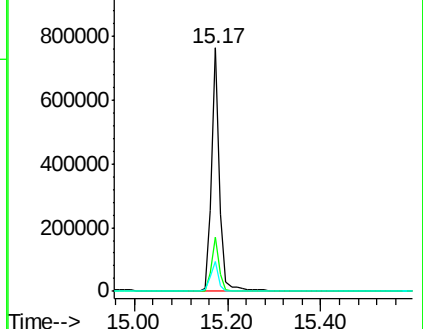
125 12.5 9.0 13.6



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: 36.31 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.06 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

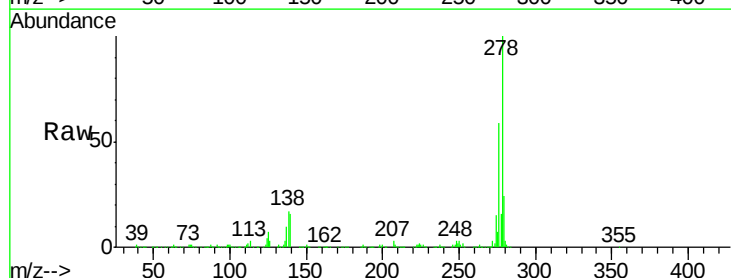
Tgt Ion:278 Resp: 844308

Ion Ratio Lower Upper

278 100

139 15.9 16.6 24.8#

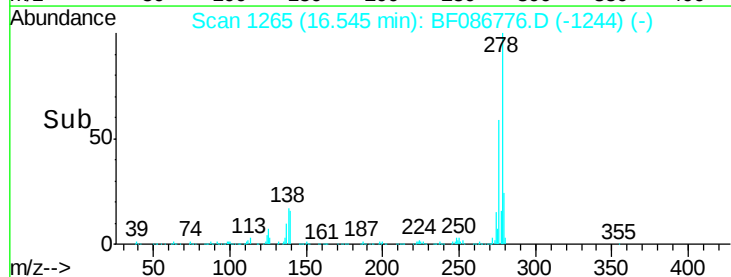
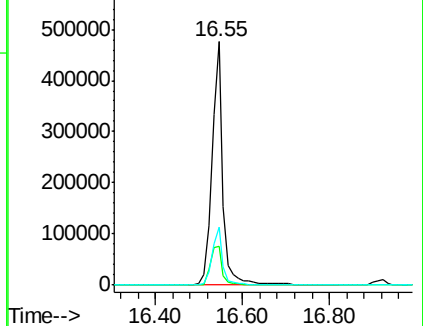
279 24.1 19.6 29.4

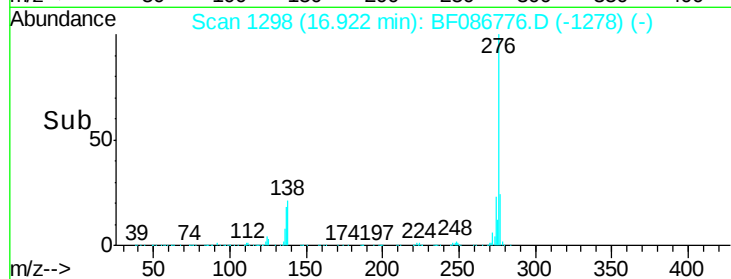
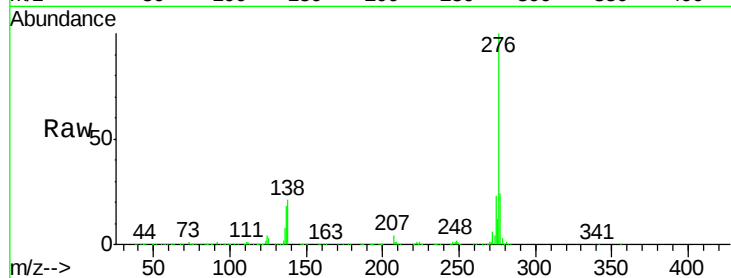
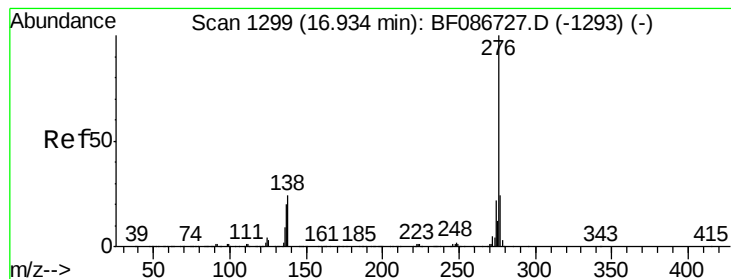


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.86 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.07 min

Lab File: BF086776.D

Acq: 7 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 826704

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 21.5 23.6 35.4#

