

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086089.D
 Acq On : 6 Apr 2016 10:52
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 07 00:59:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	106451	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	447612	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	198836	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	386130	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	307432	20.00	ng	-0.02
86) Perylene-d12	15.30	264	239341	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	554952	89.11	ng	-0.03
7) Phenol-d6	6.40	99	700002	88.49	ng	-0.02
23) Nitrobenzene-d5	7.32	82	651241	85.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	171219	91.74	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1002716	83.85	ng	-0.03
78) Terphenyl-d14	12.85	244	1122671	85.84	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.25	88	131889	44.67	ng	99
3) Pyridine	2.94	79	328177	49.65	ng	99
4) n-Nitrosodimethylamine	2.90	42	123061	42.34	ng	96
6) Aniline	6.41	93	428563	41.29	ng	# 52
8) 2-Chlorophenol	6.53	128	316245	42.58	ng	95
9) Benzaldehyde	6.29	77	180303	42.36	ng	94
10) Phenol	6.41	94	407804	45.19	ng	# 68
11) bis(2-Chloroethyl)ether	6.49	93	323615	45.29	ng	98
12) 1,3-Dichlorobenzene	6.68	146	341444	43.38	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	353492	43.59	ng	96
14) 1,2-Dichlorobenzene	6.91	146	297316	39.83	ng	95
15) Benzyl Alcohol	6.90	79	213462	41.71	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	373686	42.81	ng	73
17) 2-Methylphenol	7.01	107	242891	41.48	ng	97
18) Hexachloroethane	7.25	117	127248	42.66	ng	91
19) n-Nitroso-di-n-propylamine	7.17	70	199671	40.72	ng	97
20) 3+4-Methylphenols	7.17	107	309151	43.41	ng	# 69
22) Acetophenone	7.16	105	412336	39.19	ng	# 93
24) Nitrobenzene	7.33	77	313959	37.81	ng	99
25) Isophorone	7.57	82	589940	39.37	ng	99
26) 2-Nitrophenol	7.65	139	175751	44.24	ng	97
27) 2,4-Dimethylphenol	7.70	122	298458	41.83	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	371813	42.29	ng	99
29) 2,4-Dichlorophenol	7.90	162	237548	39.38	ng	92
30) 1,2,4-Trichlorobenzene	7.97	180	266281	39.32	ng	99
31) Naphthalene	8.05	128	899615	39.96	ng	100
32) Benzoic acid	7.85	122	207164	39.57	ng	98
33) 4-Chloroaniline	8.11	127	373493	41.07	ng	96
34) Hexachlorobutadiene	8.17	225	137241	37.70	ng	98
35) Caprolactam	8.49	113	81723	42.70	ng	92
36) 4-Chloro-3-methylphenol	8.60	107	278986	41.14	ng	99
37) 2-Methylnaphthalene	8.75	142	545916	37.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	239453	40.07	ng	99
40) Hexachlorocyclopentadiene	8.90	237	63247	38.50	ng	96

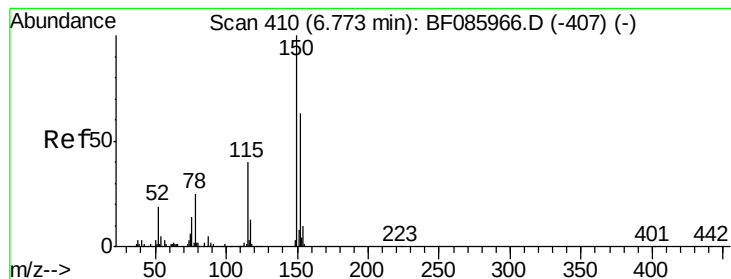
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	164463	42.86	ng	98
43) 2,4,5-Trichlorophenol	9.07	196	173216	44.46	ng #	83
45) 1,1'-Biphenyl	9.21	154	671097	39.14	ng	98
46) 2-Chloronaphthalene	9.23	162	488698	39.32	ng #	92
47) 2-Nitroaniline	9.33	65	149651	41.16	ng	89
48) Acenaphthylene	9.64	152	789488	39.66	ng	100
49) Dimethylphthalate	9.52	163	628695	42.66	ng	100
50) 2,6-Dinitrotoluene	9.58	165	143240	45.94	ng #	65
51) Acenaphthene	9.81	154	460807	38.92	ng	99
52) 3-Nitroaniline	9.76	138	161027	42.85	ng #	72
53) 2,4-Dinitrophenol	9.87	184	58537	38.44	ng #	71
54) Dibenzofuran	9.98	168	625516	40.00	ng	95
55) 4-Nitrophenol	9.93	139	98150	44.30	ng	96
56) 2,4-Dinitrotoluene	9.98	165	158528	40.24	ng #	46
57) Fluorene	10.33	166	505913	37.87	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	116079	40.01	ng	97
59) Diethylphthalate	10.21	149	659812	44.36	ng	100
60) 4-Chlorophenyl-phenylether	10.33	204	283085	45.50	ng #	84
61) 4-Nitroaniline	10.36	138	144975	39.17	ng	88
62) Azobenzene	10.49	77	630340	44.24	ng	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	95244	40.70	ng	90
65) n-Nitrosodiphenylamine	10.44	169	458116	37.94	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	154989	39.32	ng #	80
67) Hexachlorobenzene	10.88	284	164138	40.26	ng #	69
68) Atrazine	10.98	200	177805	45.57	ng	99
69) Pentachlorophenol	11.08	266	79247	41.48	ng	98
70) Phenanthrene	11.29	178	775338	36.81	ng	100
71) Anthracene	11.34	178	900295	40.80	ng	99
72) Carbazole	11.50	167	798554	42.10	ng	99
73) Di-n-butylphthalate	11.82	149	952289	40.52	ng	99
74) Fluoranthene	12.48	202	843463	38.50	ng	95
76) Benzidine	12.60	184	359550	33.15	ng	99
77) Pyrene	12.70	202	885833	40.89	ng	100
79) Butylbenzylphthalate	13.32	149	393082	40.30	ng #	81
80) Benzo(a)anthracene	13.89	228	696389	38.43	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	528114	39.90	ng	98
82) Chrysene	13.93	228	656669	37.62	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	504645	38.98	ng #	96
84) Di-n-octyl phthalate	14.49	149	791373	38.28	ng	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	567466	40.07	ng	99
87) Benzo(b)fluoranthene	14.93	252	1152448	76.54	ng	98
88) Benzo(k)fluoranthene	14.93	252	1153198	86.49	ng #	98
89) Benzo(a)pyrene	15.24	252	531937	39.88	ng	99
90) Dibenzo(a,h)anthracene	16.65	278	477124	44.45	ng	96
91) Benzo(g,h,i)perylene	17.05	276	473736	45.61	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

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BNA_F

ClientSampleId :

SSTDCCC040

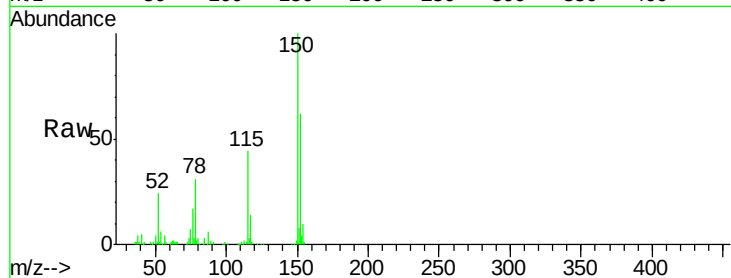
Tgt Ion:152 Resp: 106451

Ion Ratio Lower Upper

152 100

150 160.6 124.2 186.2

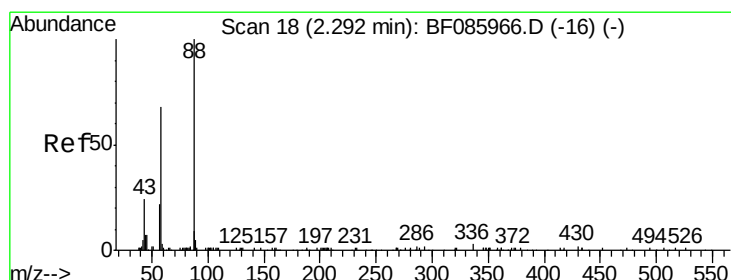
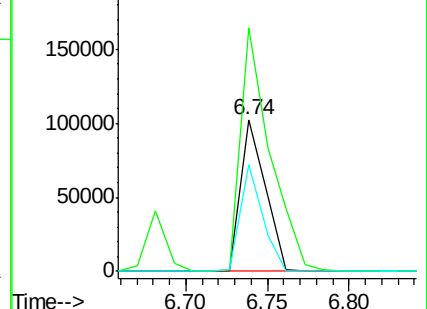
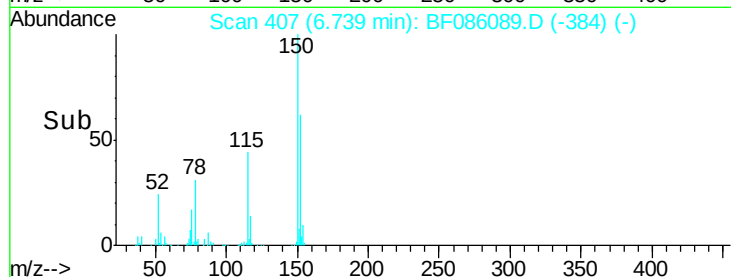
115 70.5 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.67 ng

RT: 2.25 min Scan# 14

Delta R.T. -0.05 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

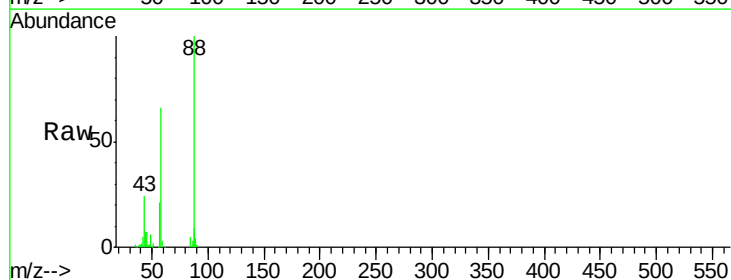
Tgt Ion: 88 Resp: 131889

Ion Ratio Lower Upper

88 100

58 68.0 54.2 81.2

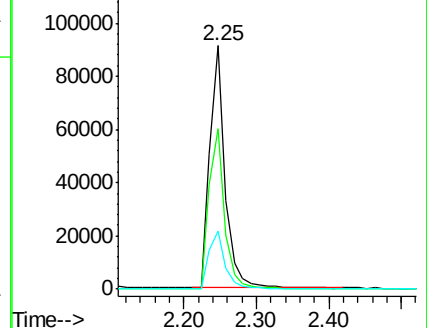
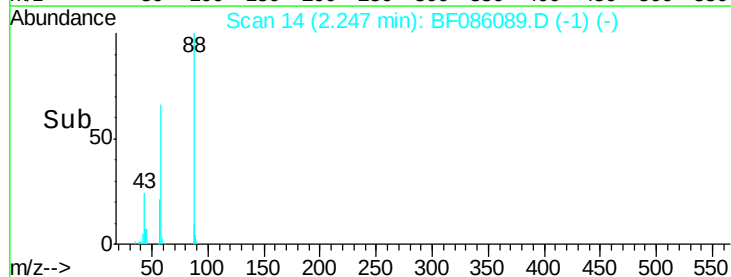
43 25.3 19.3 28.9

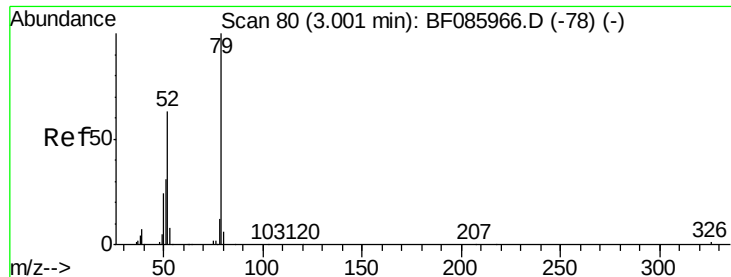


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 49.65 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.06 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

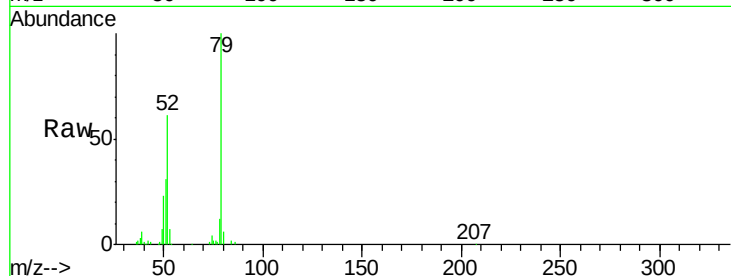
Tgt Ion: 79 Resp: 328177

Ion Ratio Lower Upper

79 100

52 61.4 49.8 74.6

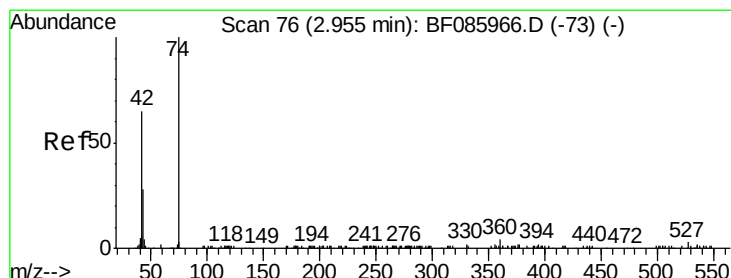
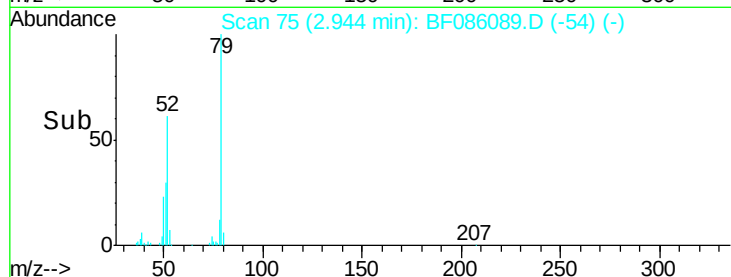
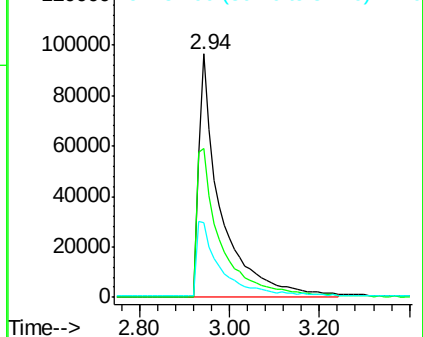
51 30.5 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.34 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.06 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

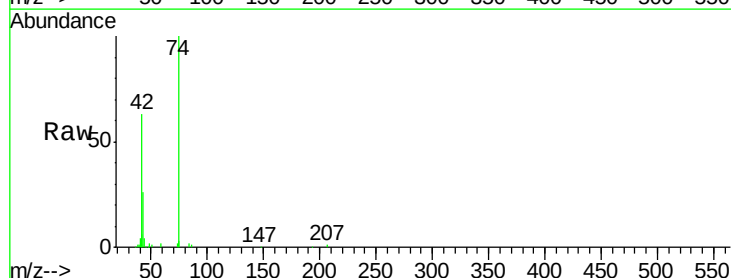
Tgt Ion: 42 Resp: 123061

Ion Ratio Lower Upper

42 100

74 157.6 121.4 182.2

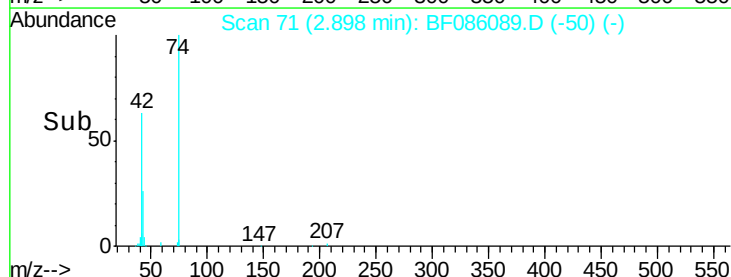
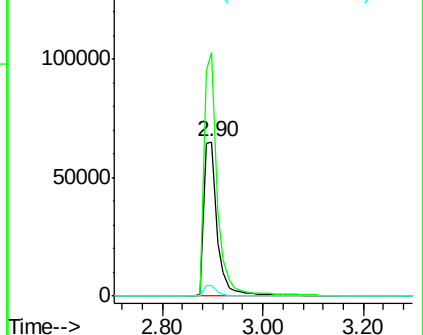
44 6.9 5.6 8.4

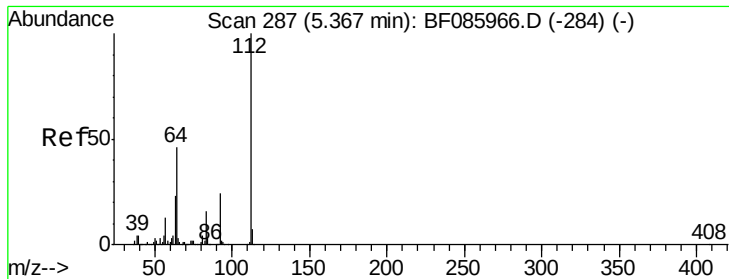


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 89.11 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

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SSTDCCC040

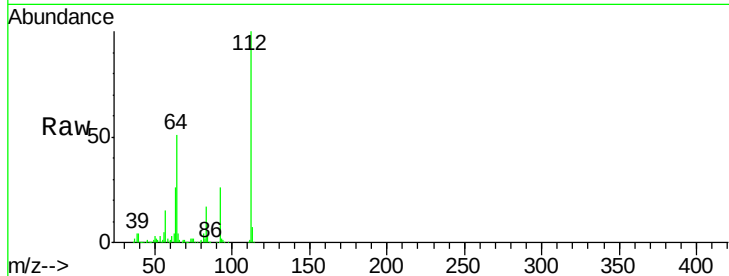
Tgt Ion: 112 Resp: 554952

Ion Ratio Lower Upper

112 100

64 51.1 39.9 59.9

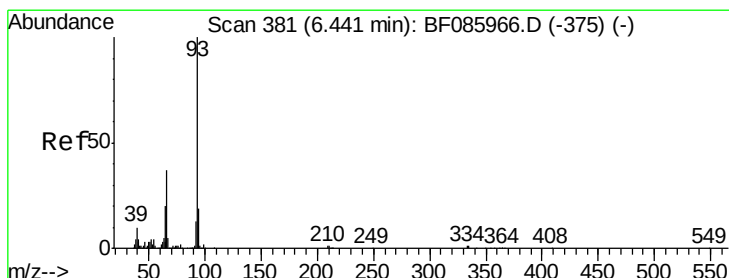
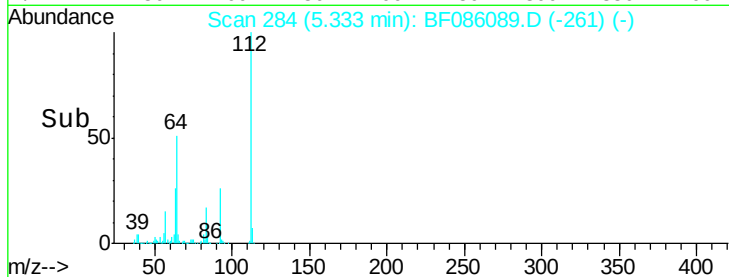
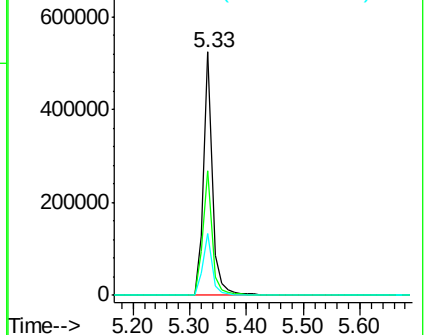
63 25.6 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.29 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

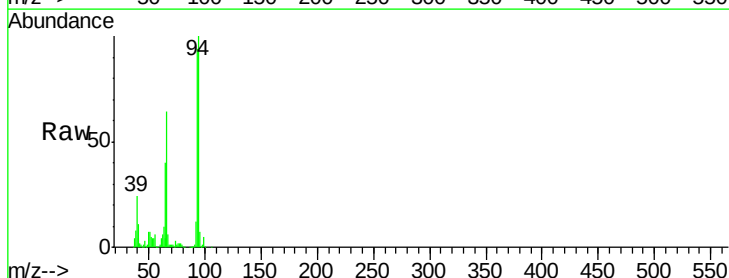
Tgt Ion: 93 Resp: 428563

Ion Ratio Lower Upper

93 100

66 68.4 31.4 47.2#

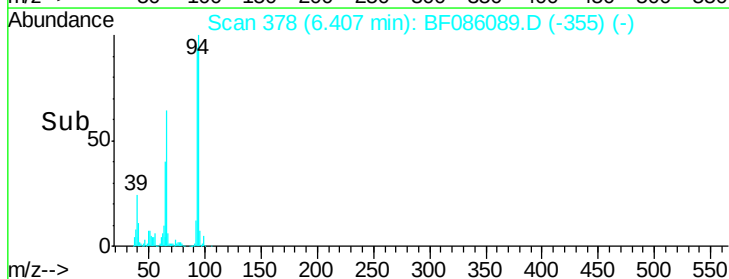
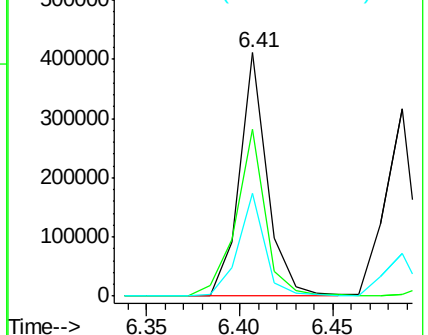
65 42.3 15.7 23.5#

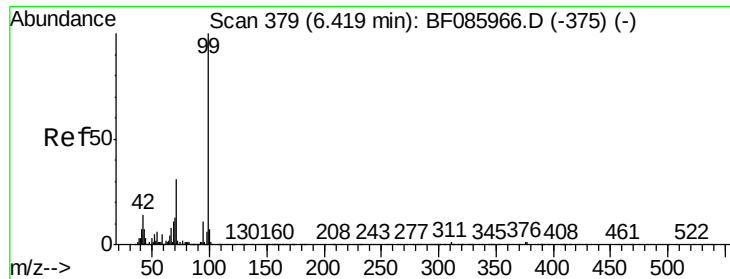


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.49 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086089.D

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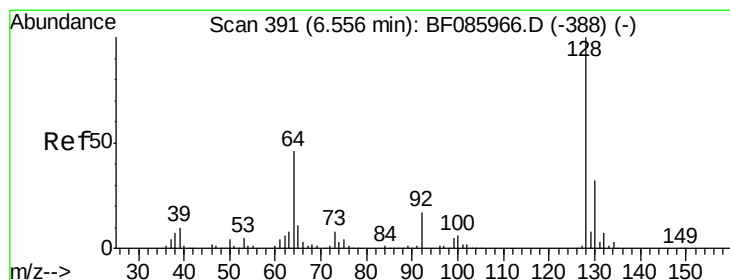
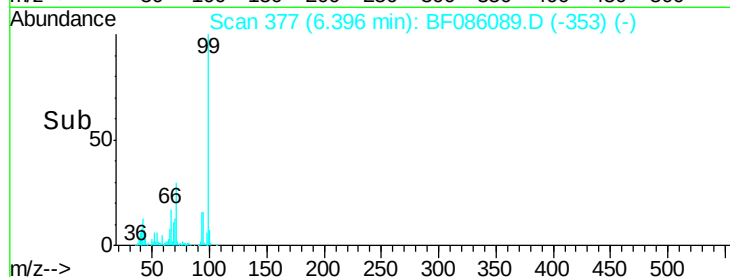
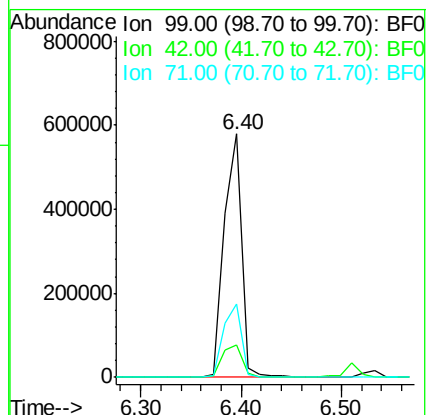
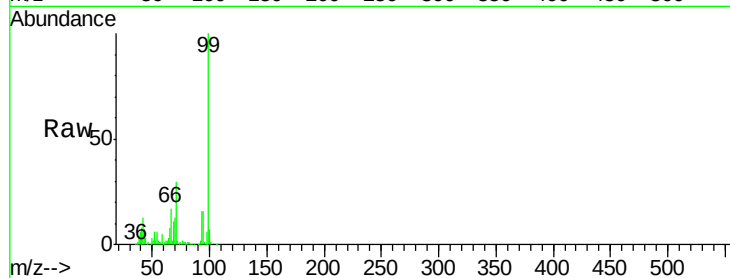
Tgt Ion: 99 Resp: 700002

Ion Ratio Lower Upper

99 100

42 13.4 11.1 16.7

71 30.0 24.9 37.3



#8

2-Chlorophenol

Concen: 42.58 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

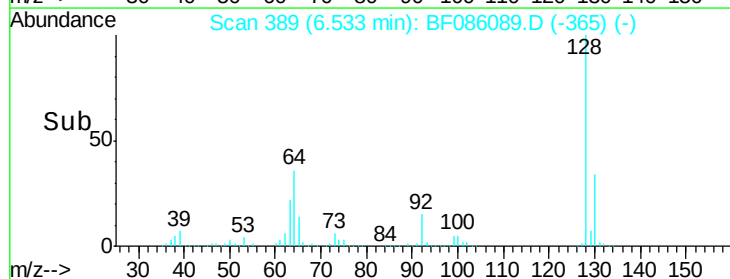
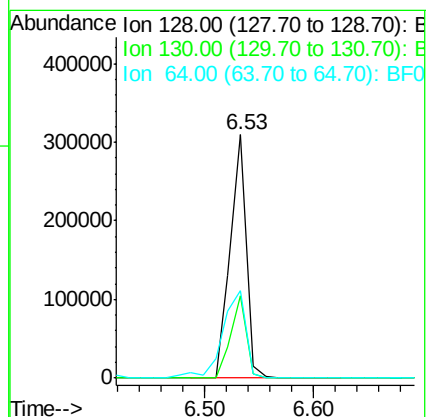
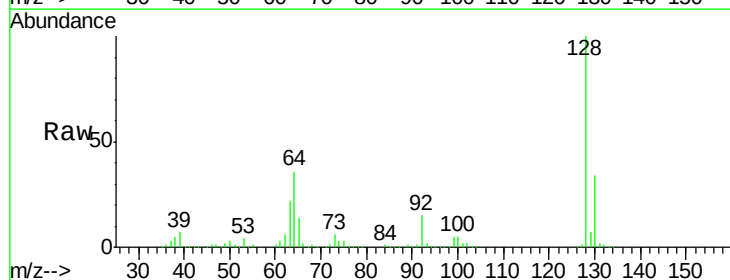
Tgt Ion: 128 Resp: 316245

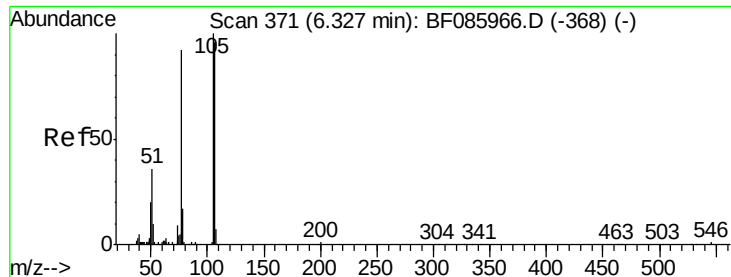
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 35.7 20.2 60.2





#9

Benzaldehyde

Concen: 42.36 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

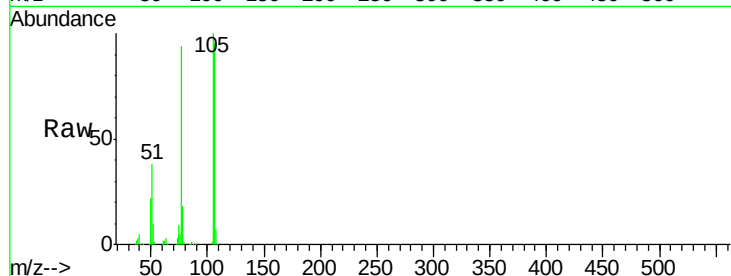
Tgt Ion: 77 Resp: 180303

Ion Ratio Lower Upper

77 100

105 105.9 80.1 120.1

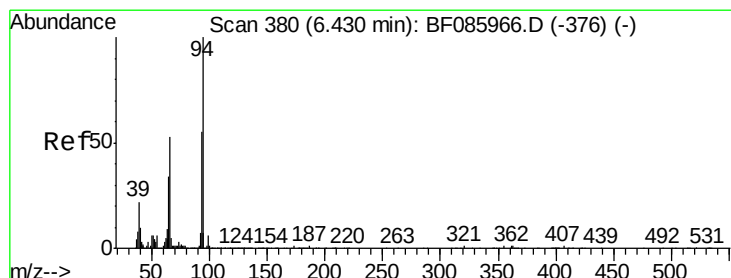
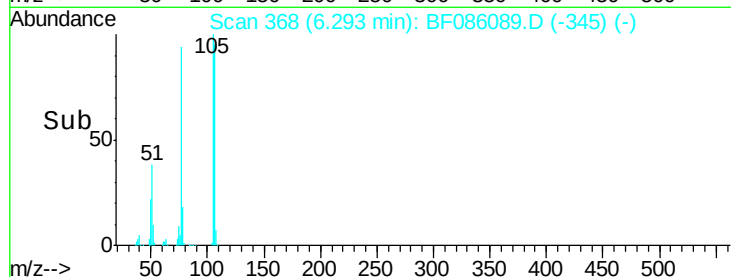
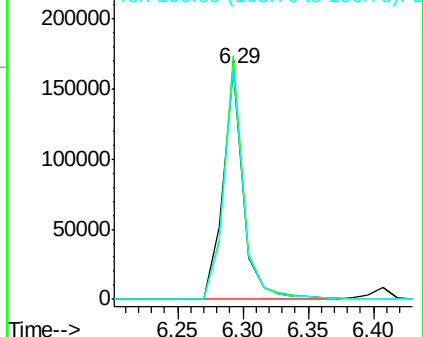
106 100.8 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.19 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

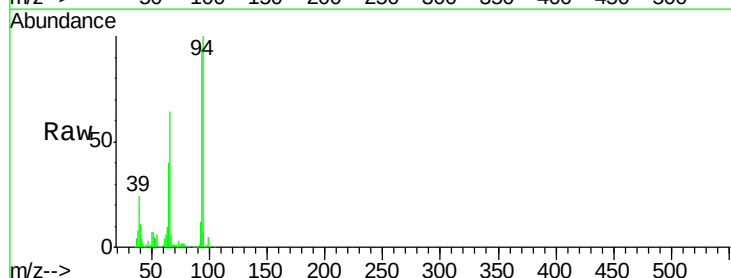
Tgt Ion: 94 Resp: 407804

Ion Ratio Lower Upper

94 100

65 39.8 8.6 48.6

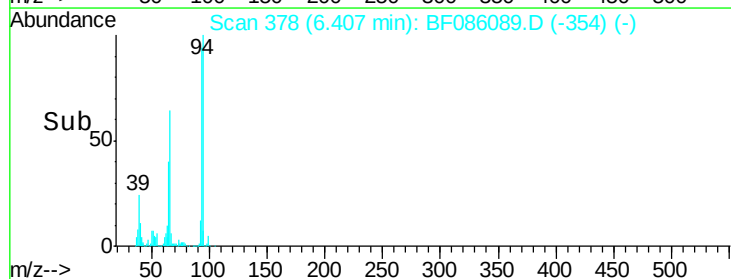
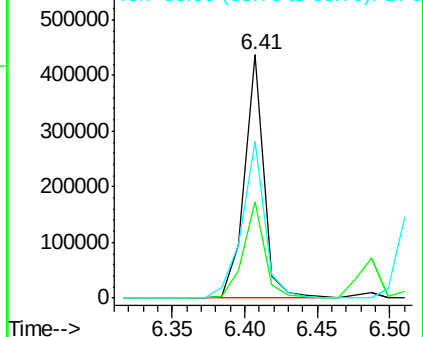
66 64.3 20.0 60.0#

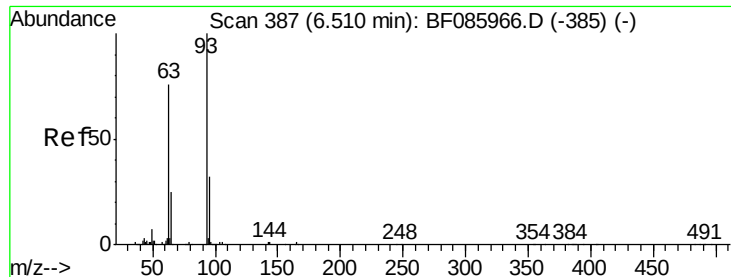


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

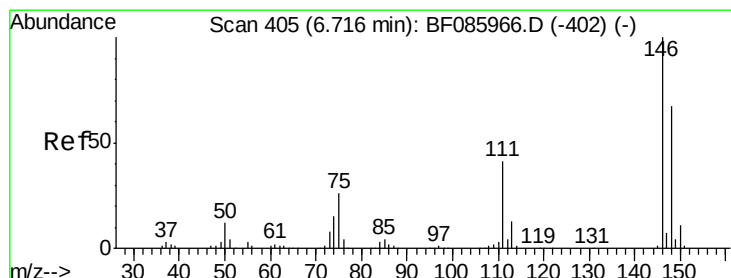
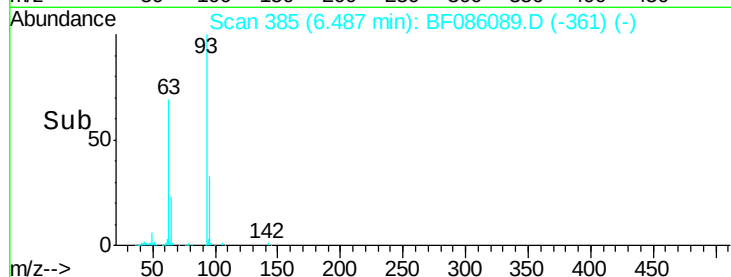
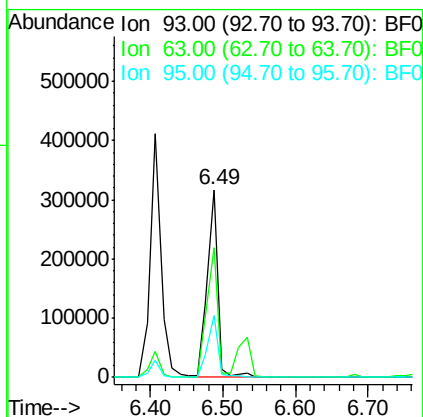
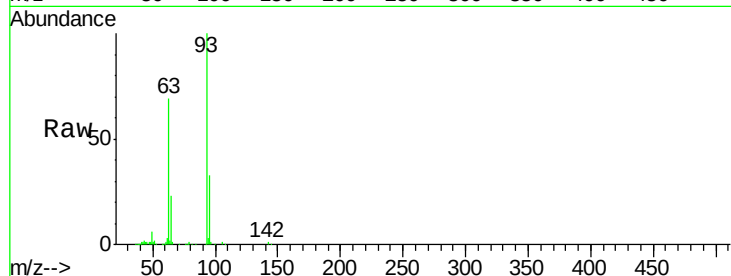




#11
bis(2-Chloroethyl)ether
Concen: 45.29 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

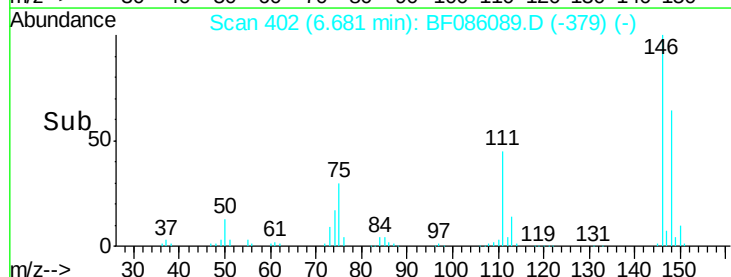
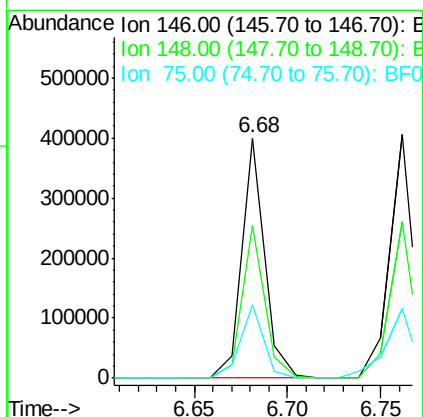
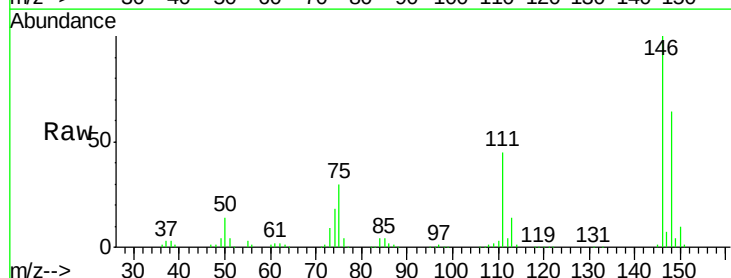
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

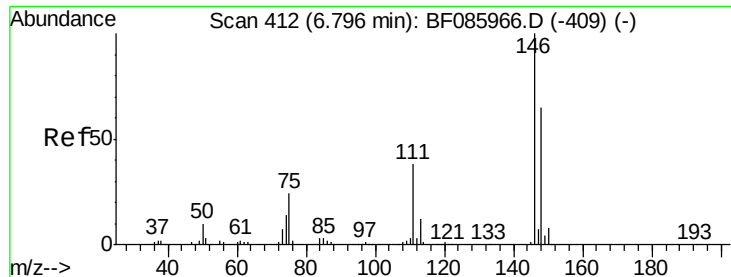
Tgt Ion:	93	Resp:	323615
Ion	Ratio	Lower	Upper
93	100		
63	68.9	50.9	90.9
95	32.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 43.38 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion:	146	Resp:	341444
Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
75	30.3	17.4	26.2

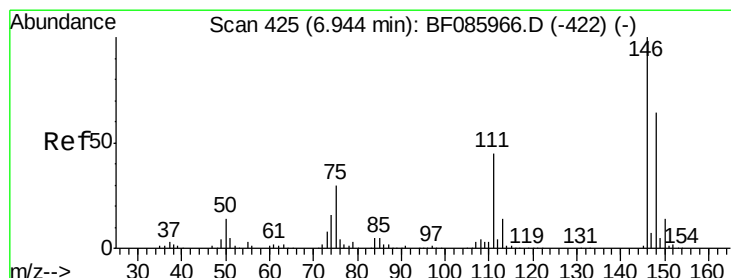
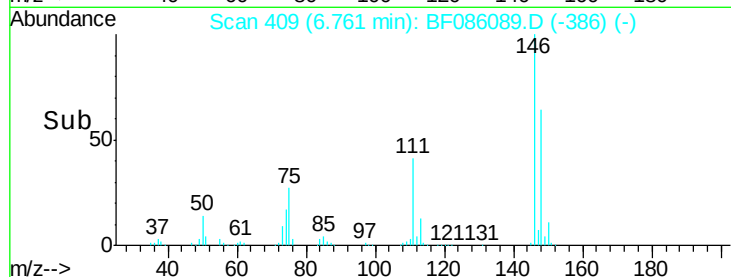
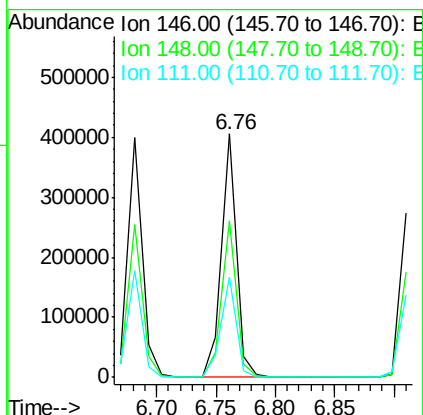
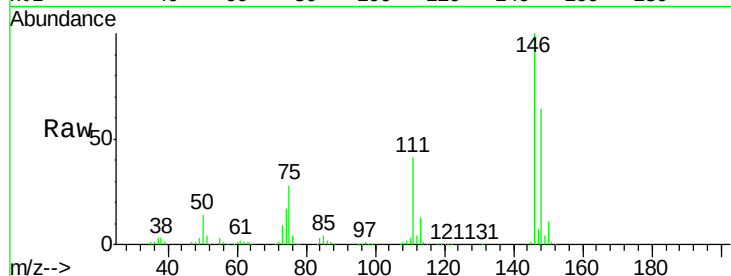




#13
 1,4-Dichlorobenzene
 Concen: 43.59 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

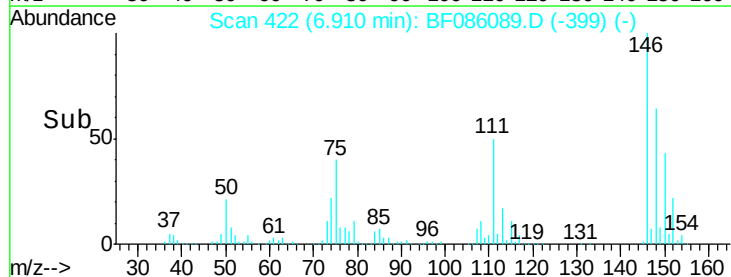
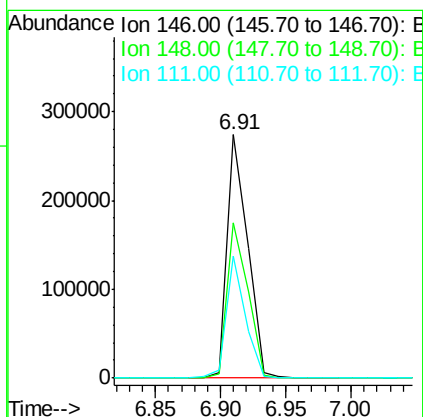
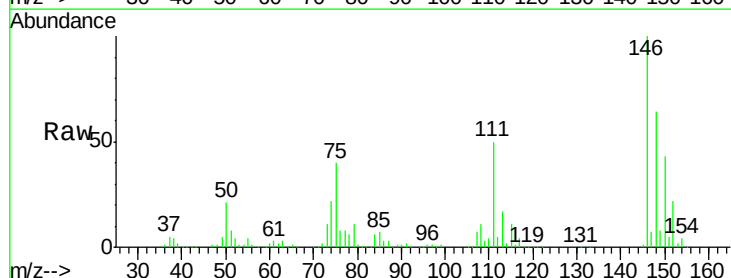
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

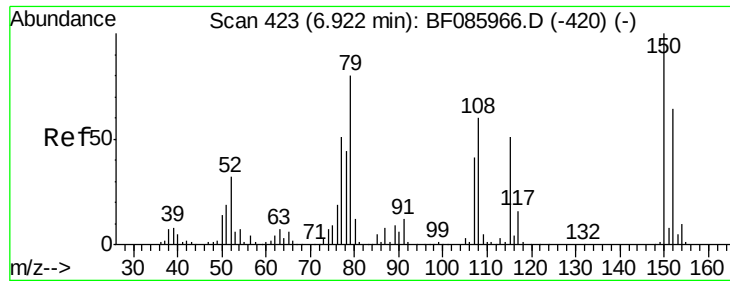
Tgt Ion:146 Resp: 353492
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 76.0
 111 41.4 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 39.83 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:146 Resp: 297316
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.2
 111 50.2 34.6 52.0

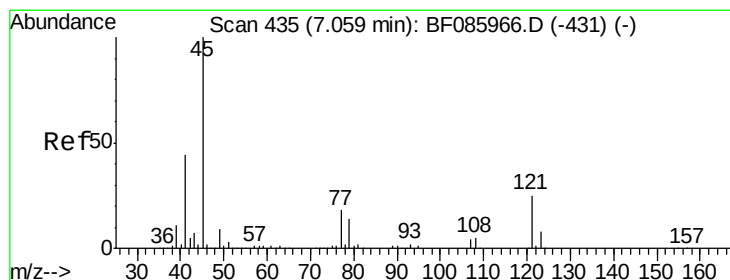
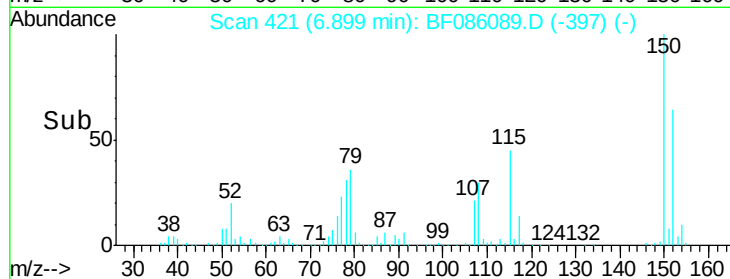
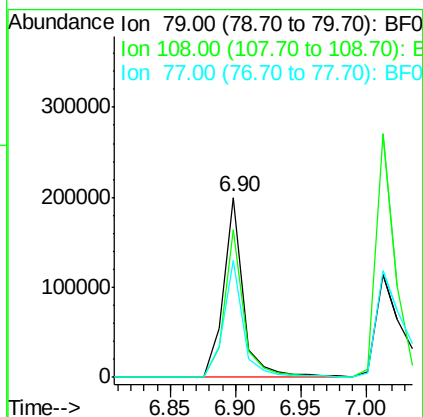
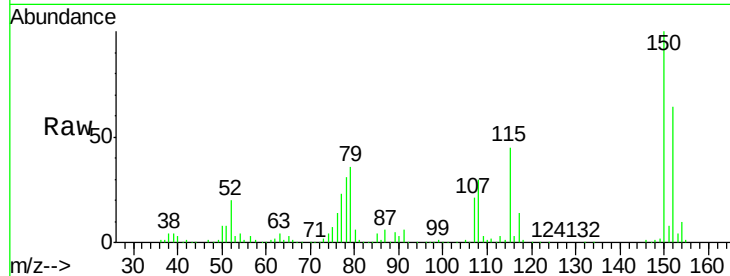




#15
Benzyl Alcohol
Concen: 41.71 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

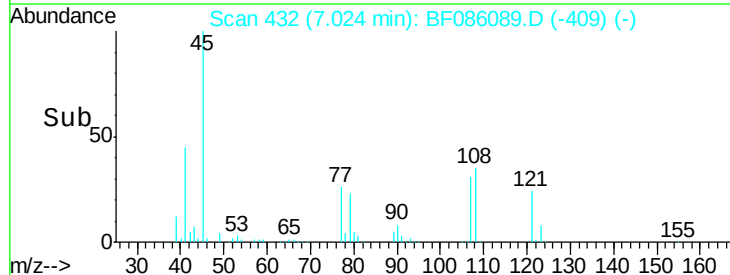
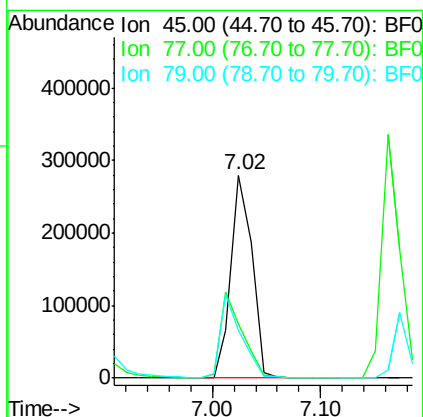
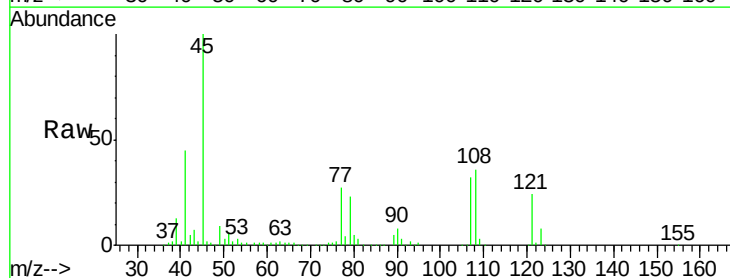
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

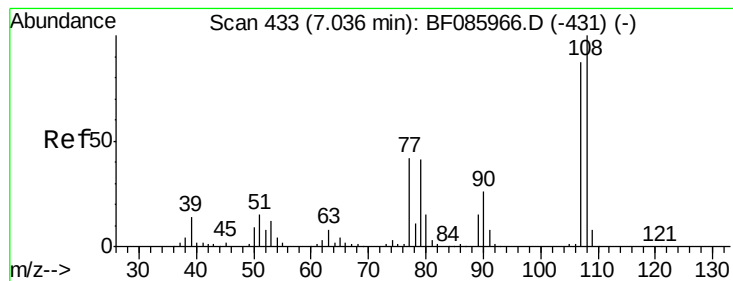
Tgt Ion: 79 Resp: 213462
Ion Ratio Lower Upper
79 100
108 82.2 61.8 92.6
77 64.6 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.81 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion: 45 Resp: 373686
Ion Ratio Lower Upper
45 100
77 26.8 0.0 35.7
79 23.3 0.0 32.2

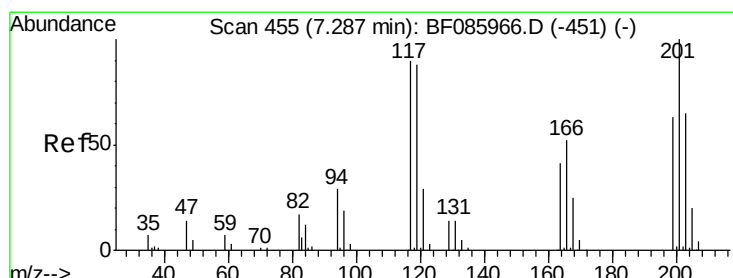
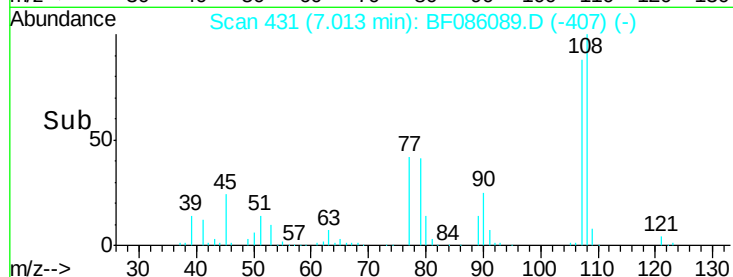
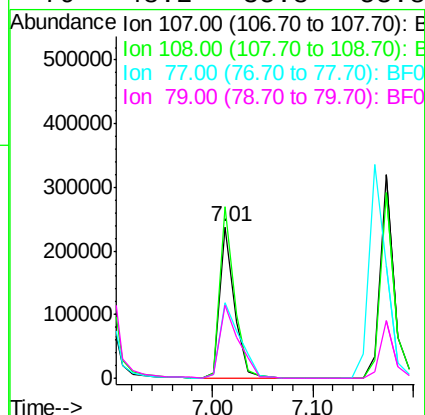
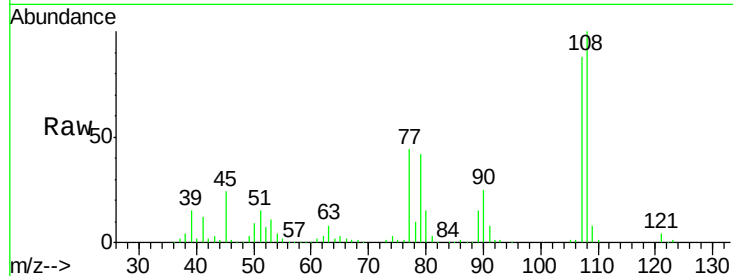




#17
2-Methylphenol
Concen: 41.48 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

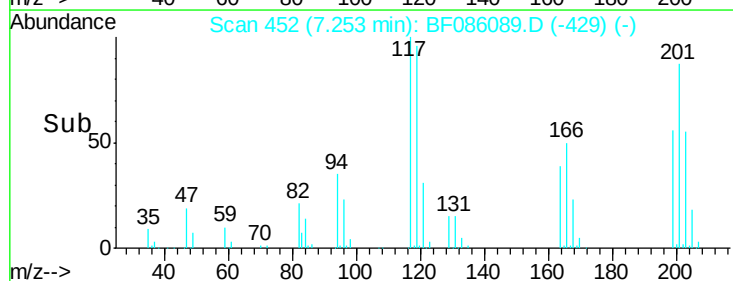
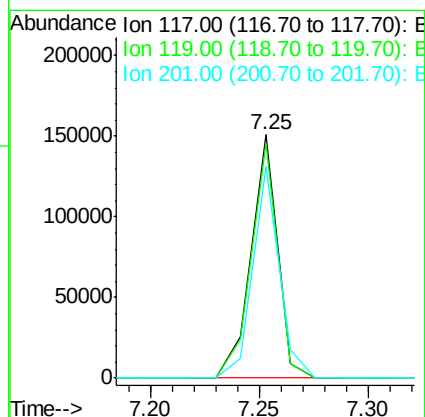
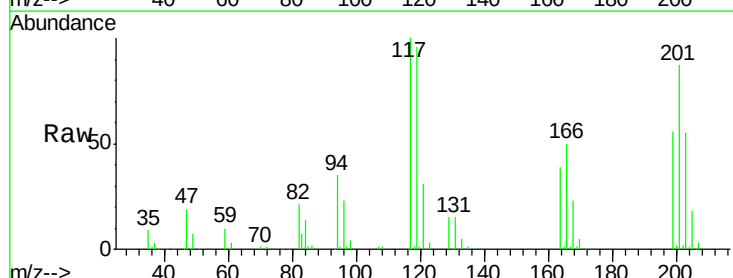
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

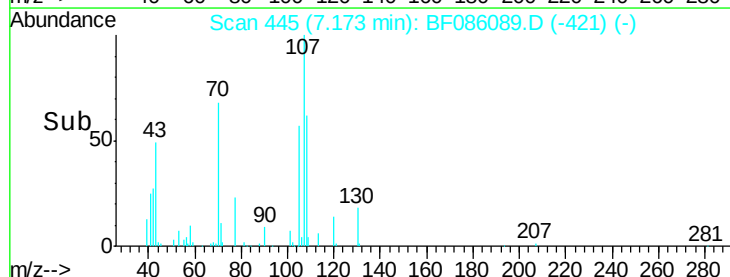
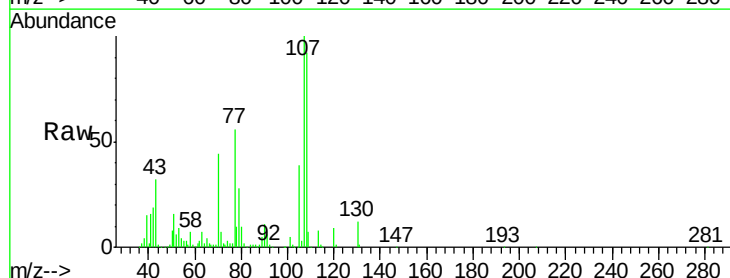
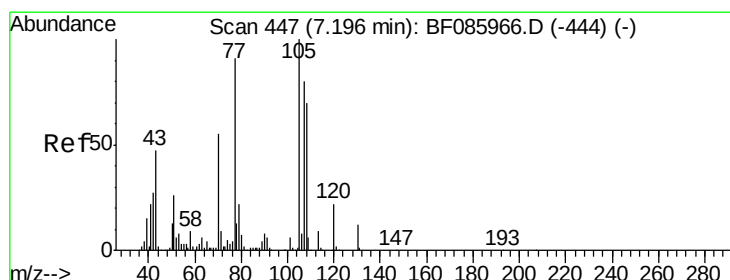
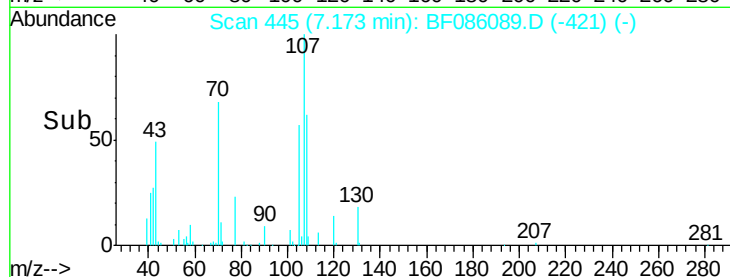
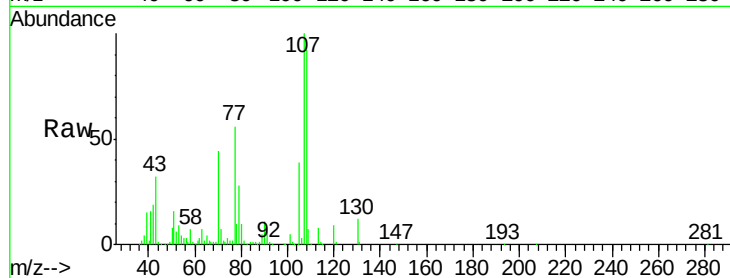
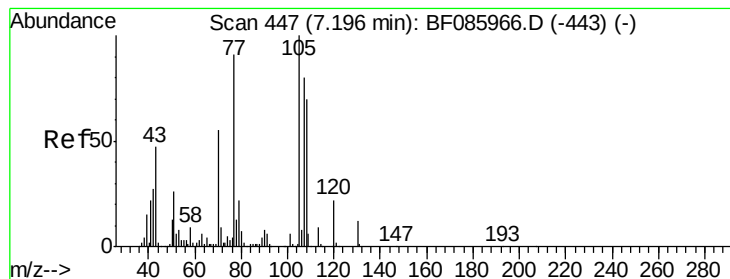
Tgt Ion:107 Resp: 242891
Ion Ratio Lower Upper
107 100
108 113.9 91.4 137.0
77 50.1 36.2 54.2
79 48.2 35.8 53.8



#18
Hexachloroethane
Concen: 42.66 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion:117 Resp: 127248
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1
201 87.1 83.3 124.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.72 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 199671

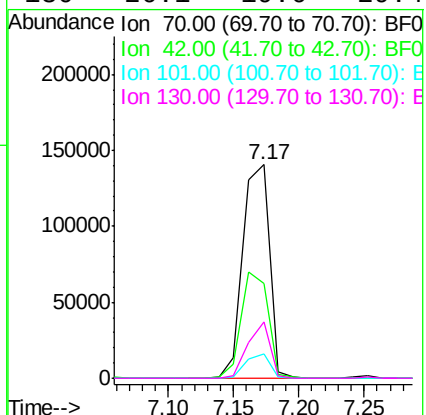
Ion Ratio Lower Upper

70 100

42 44.3 37.1 55.7

101 11.1 8.6 12.8

130 26.1 19.6 29.4



#20

3+4-Methylphenols

Concen: 43.41 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Tgt Ion: 107 Resp: 309151

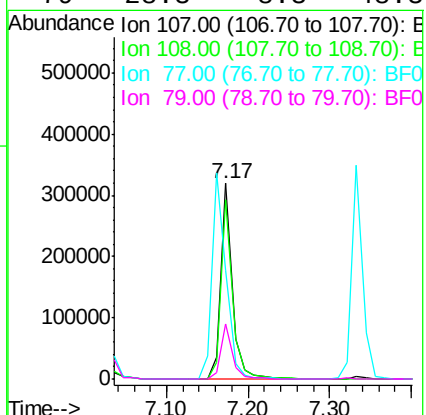
Ion Ratio Lower Upper

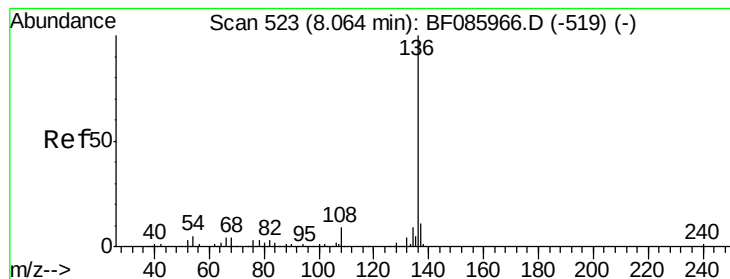
107 100

108 91.6 69.3 109.3

77 55.5 101.7 141.7

79 28.3 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 447612

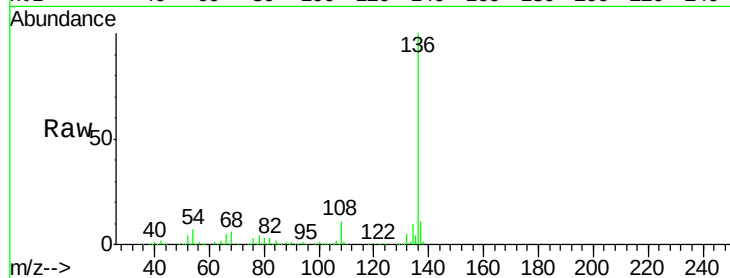
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.2 7.4 11.0#

68 6.1 5.8 8.8

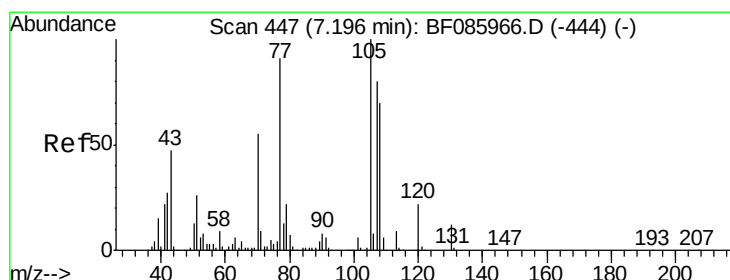
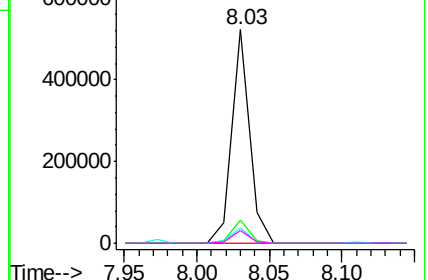
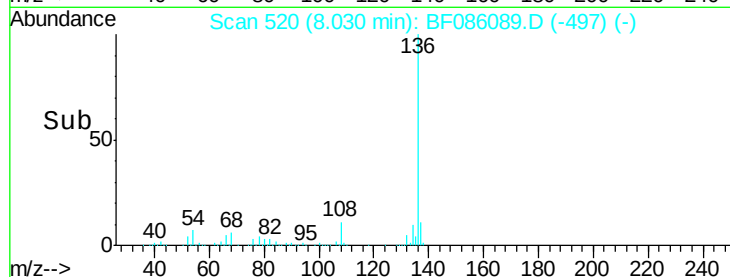


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.19 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Tgt Ion:105 Resp: 412336

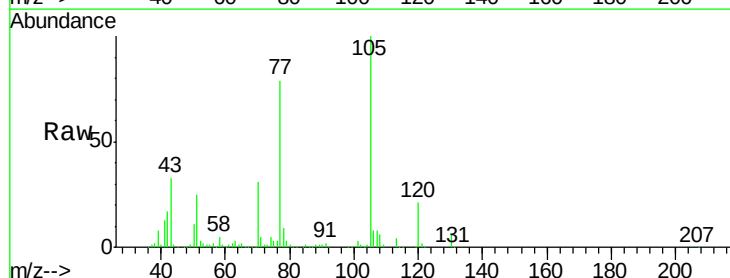
Ion Ratio Lower Upper

105 100

71 5.3 3.6 5.4

51 25.0 25.4 38.0#

120 21.2 16.9 25.3

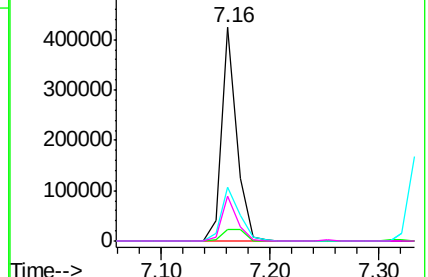
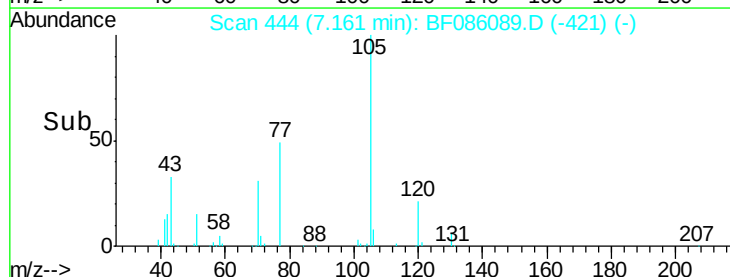


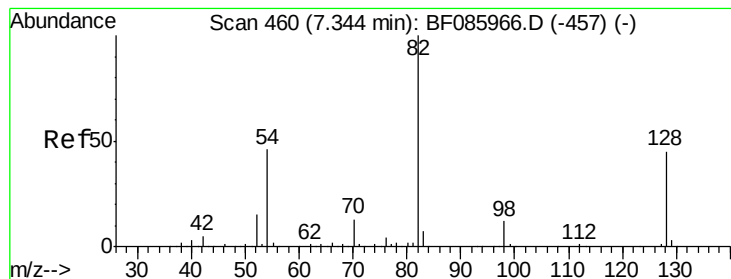
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.80 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

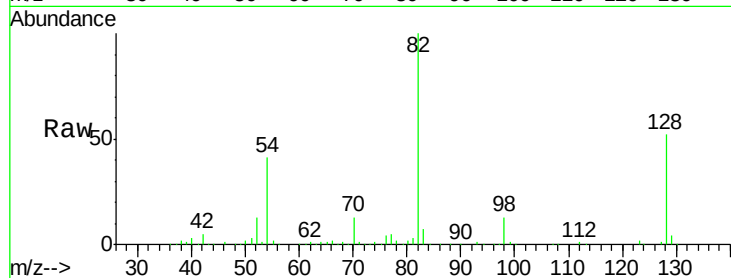
Tgt Ion: 82 Resp: 651241

Ion Ratio Lower Upper

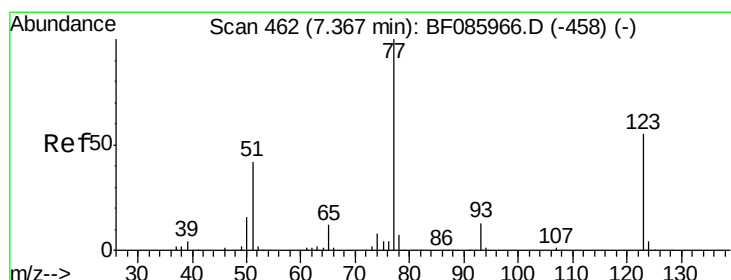
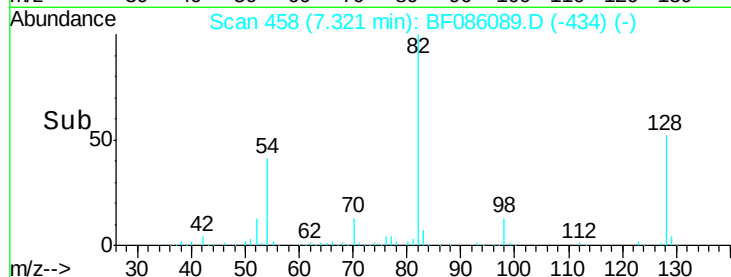
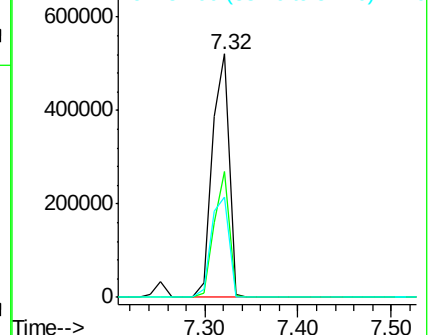
82 100

128 51.9 41.8 62.8

54 41.4 33.4 50.0



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



#24

Nitrobenzene

Concen: 37.81 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

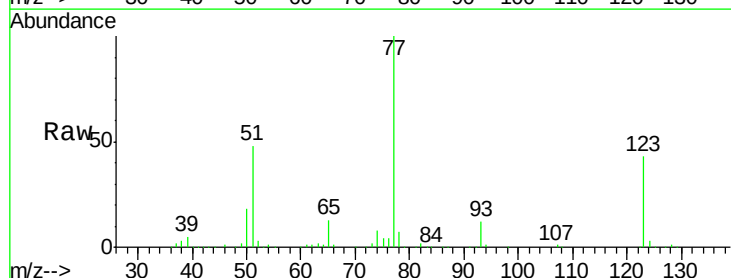
Tgt Ion: 77 Resp: 313959

Ion Ratio Lower Upper

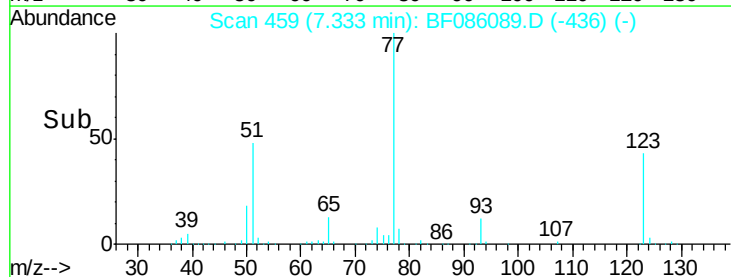
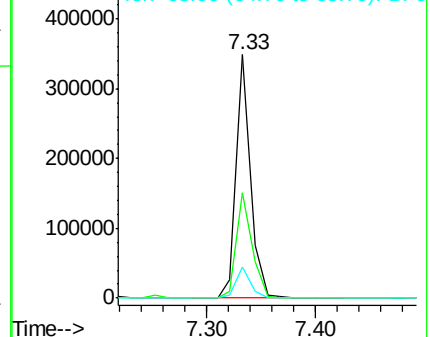
77 100

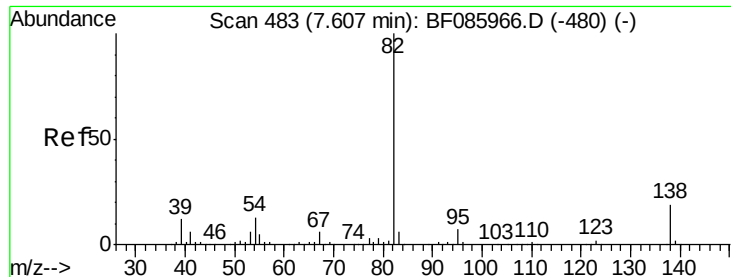
123 43.4 35.0 52.4

65 12.9 10.6 16.0



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





#25

Isophorone

Concen: 39.37 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

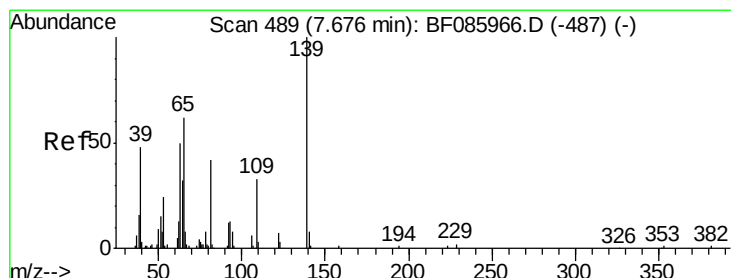
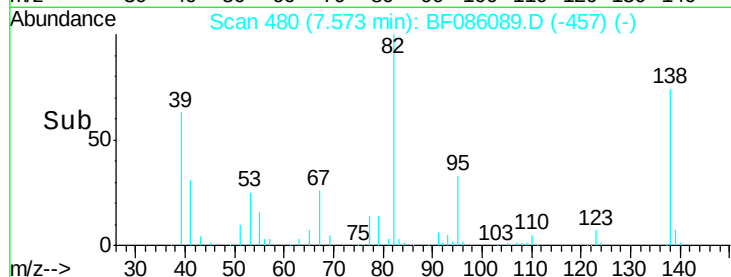
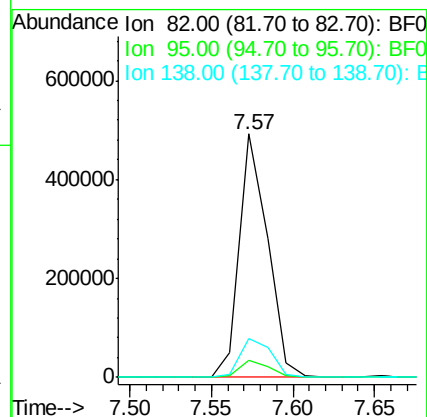
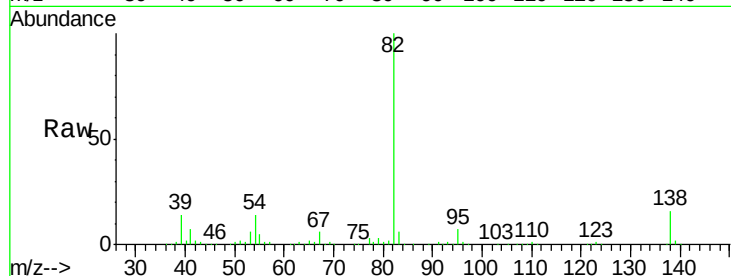
Tgt Ion: 82 Resp: 589940

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 15.8 12.9 19.3



#26

2-Nitrophenol

Concen: 44.24 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

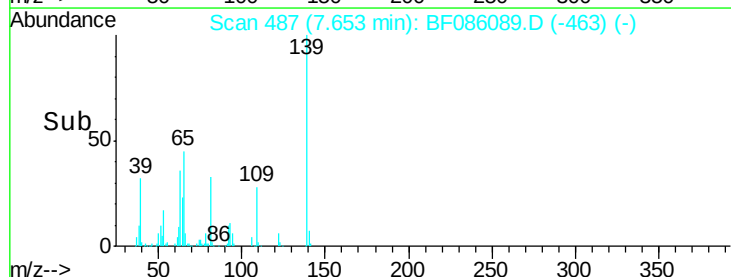
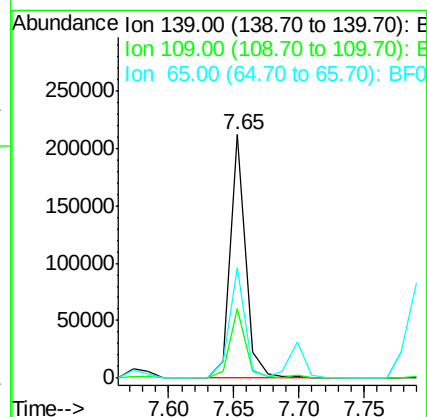
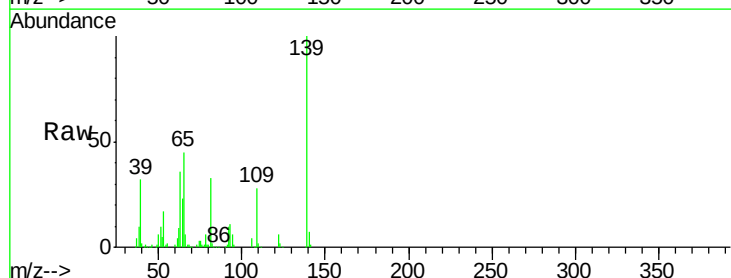
Tgt Ion: 139 Resp: 175751

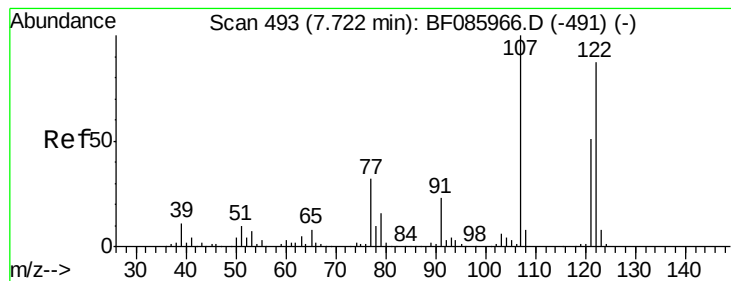
Ion Ratio Lower Upper

139 100

109 28.4 22.1 33.1

65 45.2 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 41.83 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

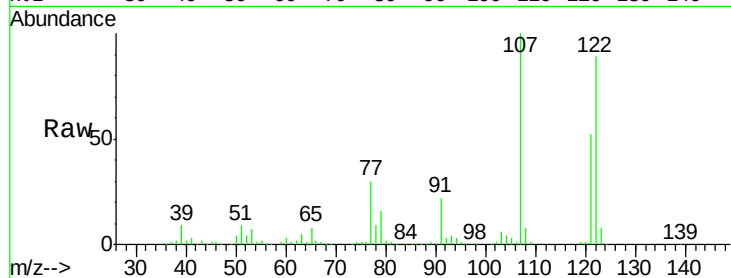
Tgt Ion:122 Resp: 298458

Ion Ratio Lower Upper

122 100

107 112.5 93.0 139.6

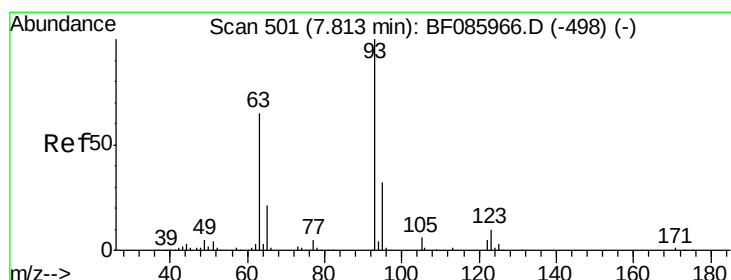
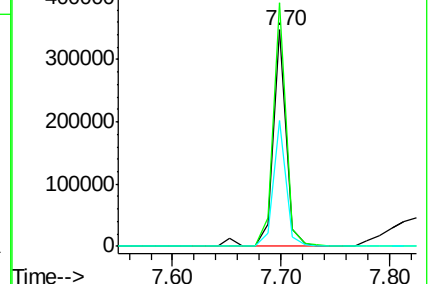
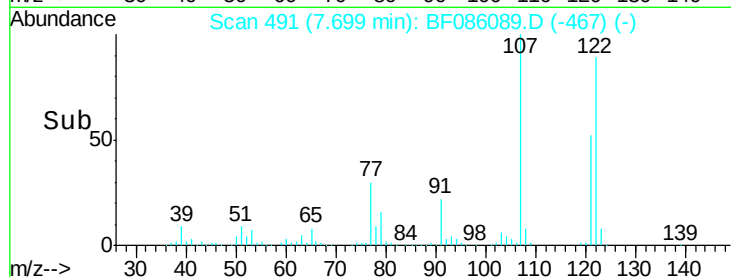
121 58.4 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.29 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

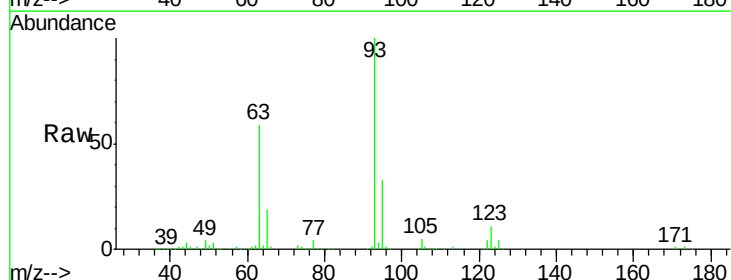
Tgt Ion: 93 Resp: 371813

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

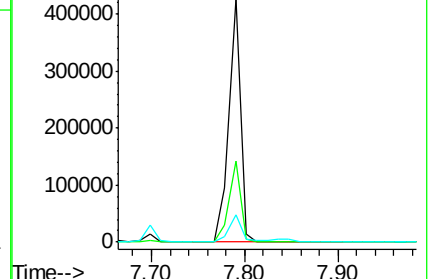
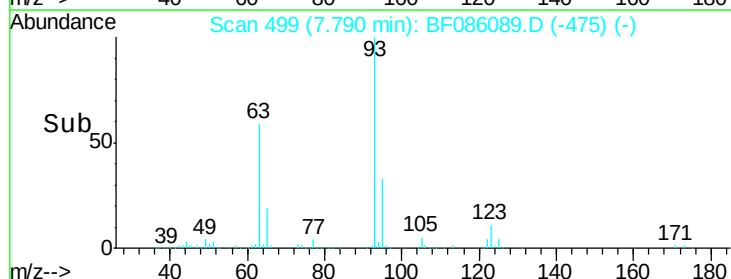
123 11.4 9.8 14.6

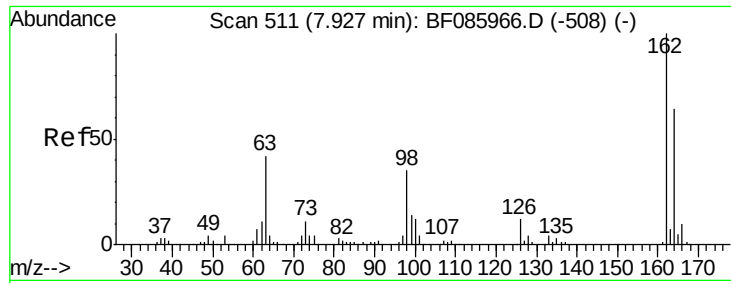


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

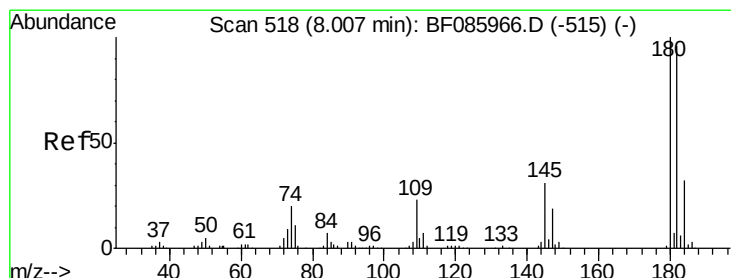
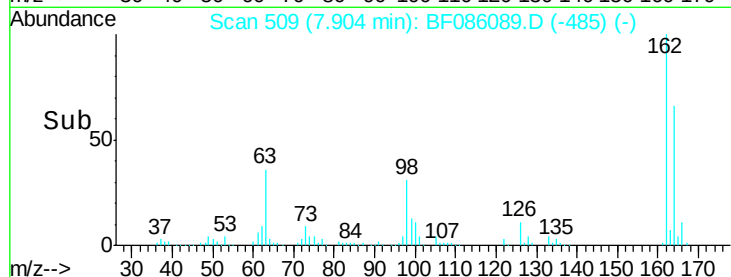
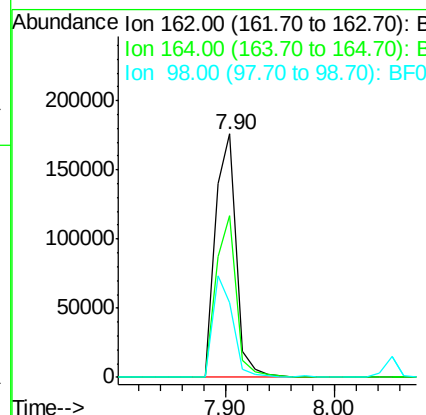
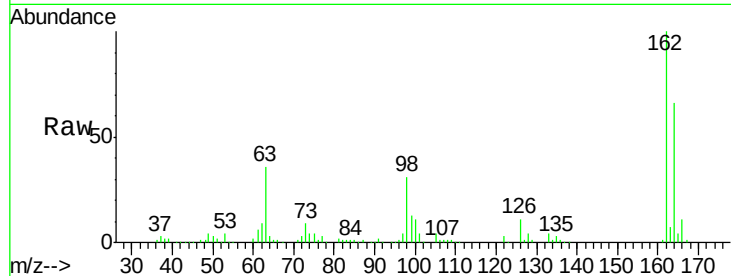




#29
 2,4-Dichlorophenol
 Concen: 39.38 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

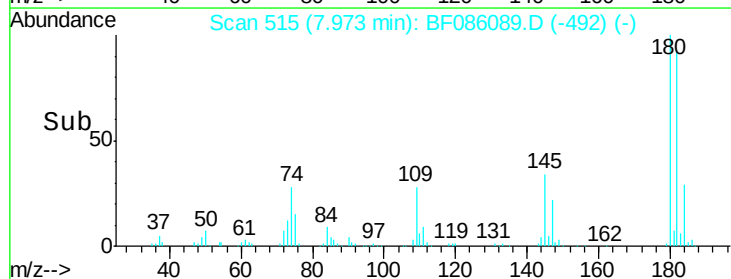
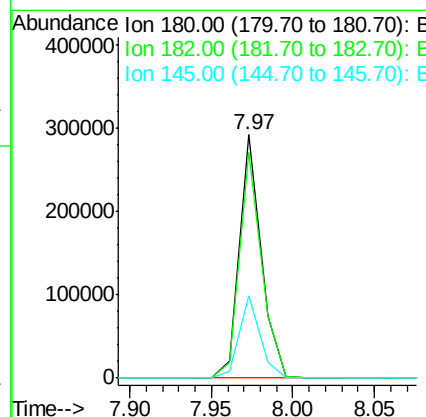
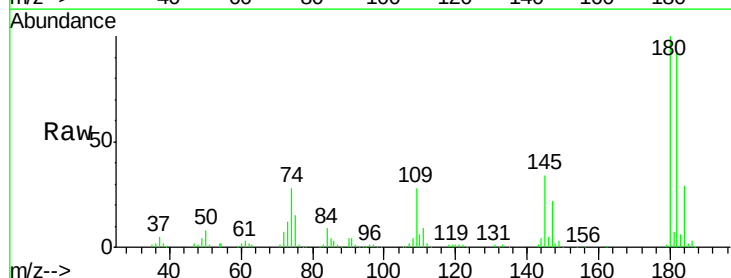
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

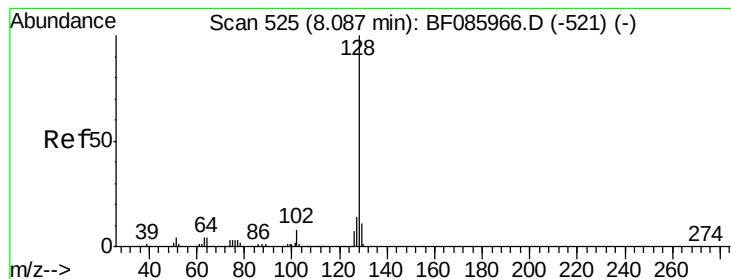
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	43.7	83.7
98	30.5	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.32 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	73.8	110.8
145	33.8	28.4	42.6





#31

Naphthalene

Concen: 39.96 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

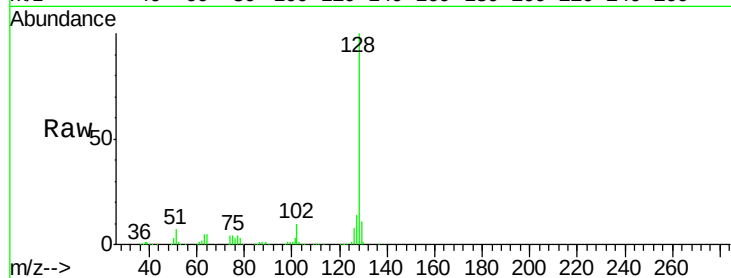
Tgt Ion:128 Resp: 899615

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

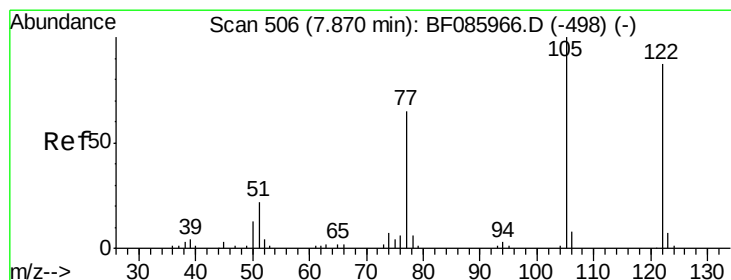
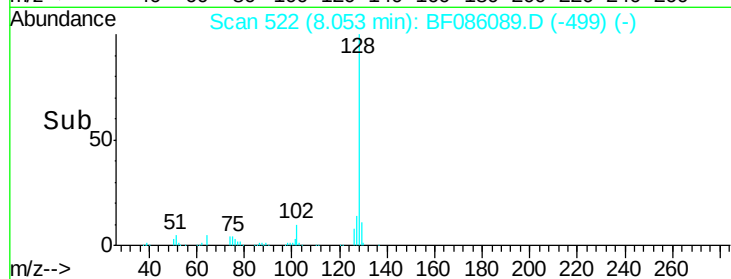
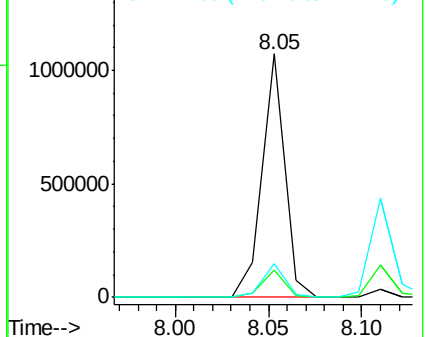
127 13.8 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.57 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

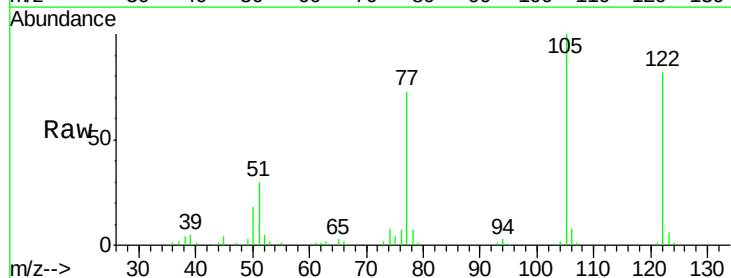
Tgt Ion:122 Resp: 207164

Ion Ratio Lower Upper

122 100

105 121.3 102.9 142.9

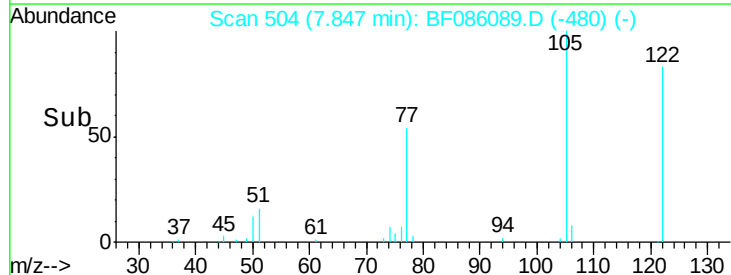
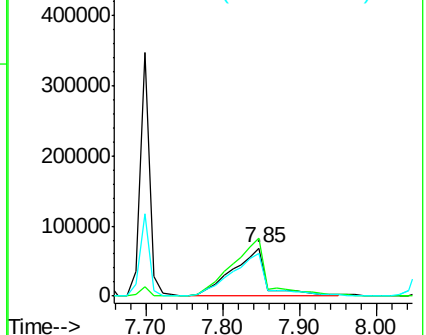
77 88.3 71.8 111.8

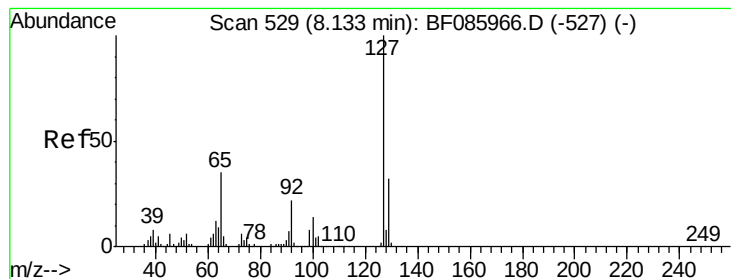


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.07 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 373493

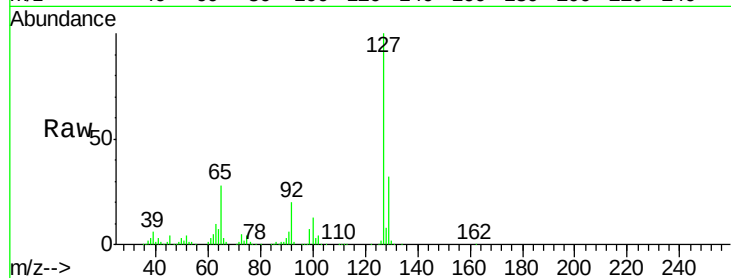
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 28.3 19.5 29.3

92 19.9 14.6 22.0

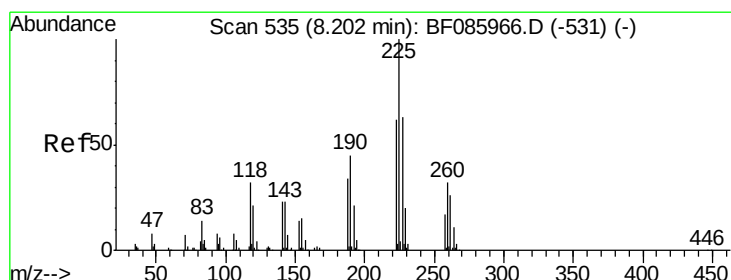
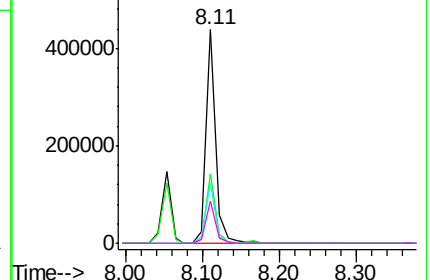
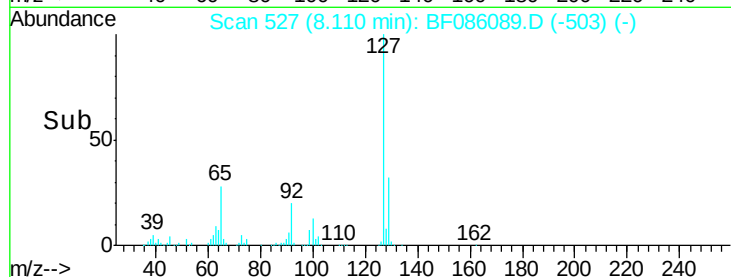


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.70 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

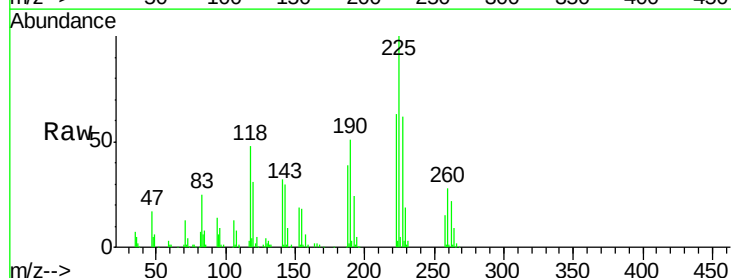
Tgt Ion:225 Resp: 137241

Ion Ratio Lower Upper

225 100

223 63.4 50.4 75.6

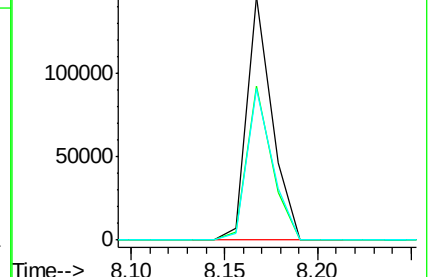
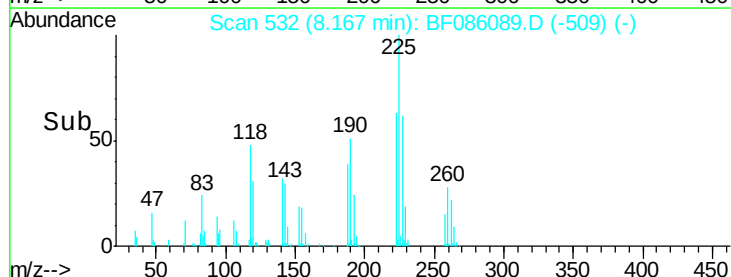
227 62.3 51.4 77.2

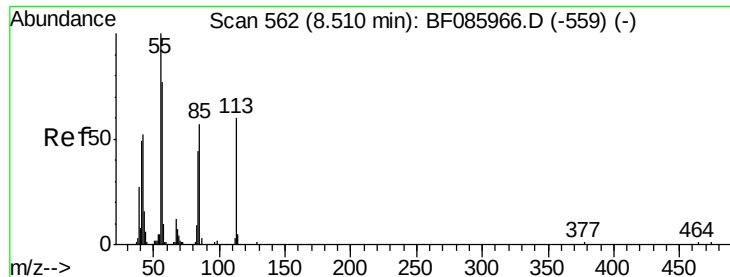


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

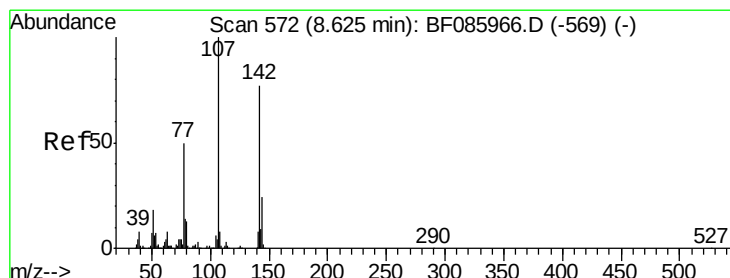
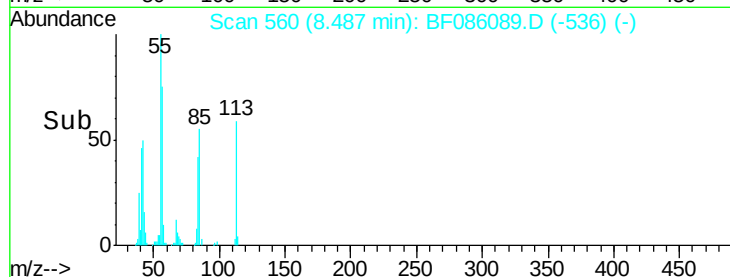
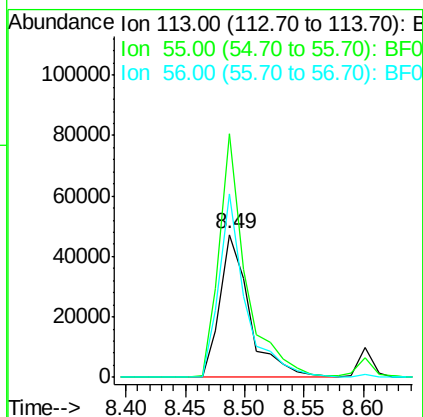
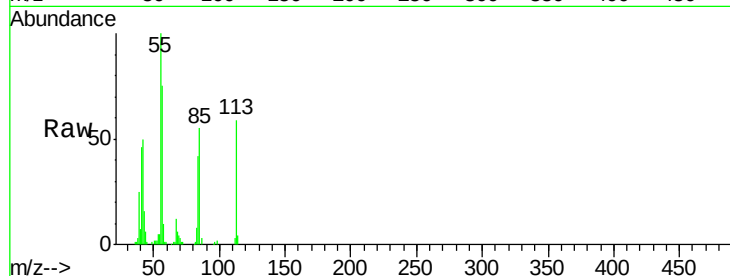




#35
 Caprolactam
 Concen: 42.70 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

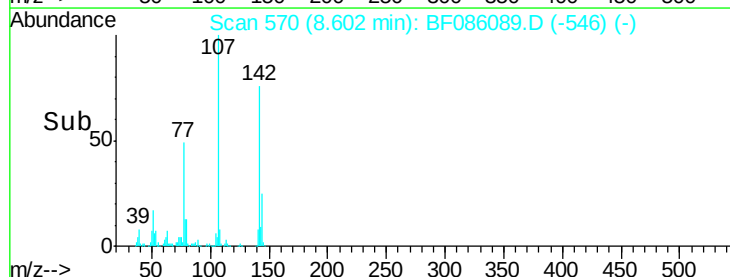
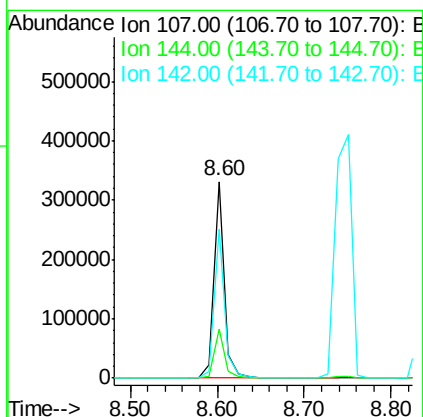
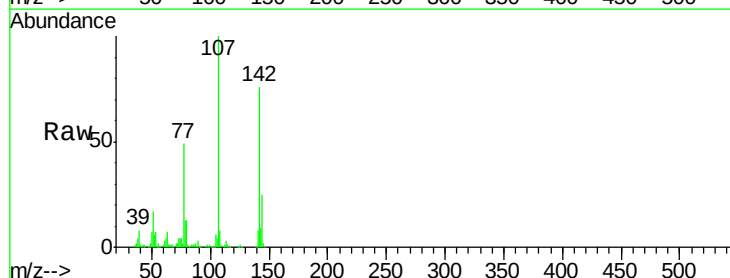
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

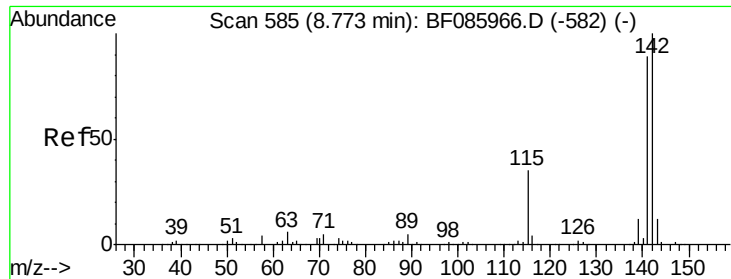
Tgt Ion:113 Resp: 81723
 Ion Ratio Lower Upper
 113 100
 55 170.1 139.4 179.4
 56 127.9 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.14 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:107 Resp: 278986
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.3 28.9
 142 75.7 61.4 92.0

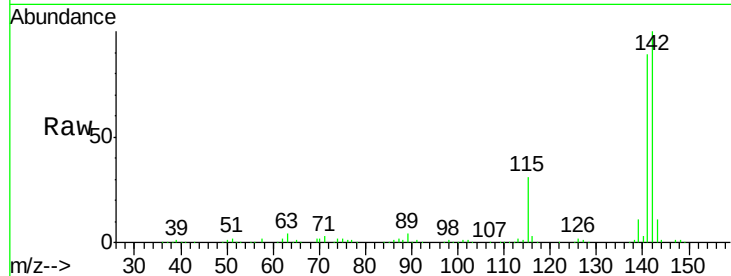




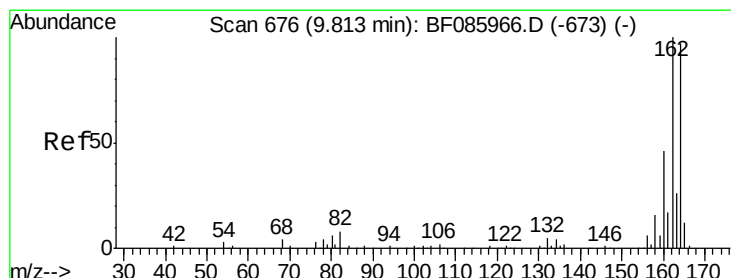
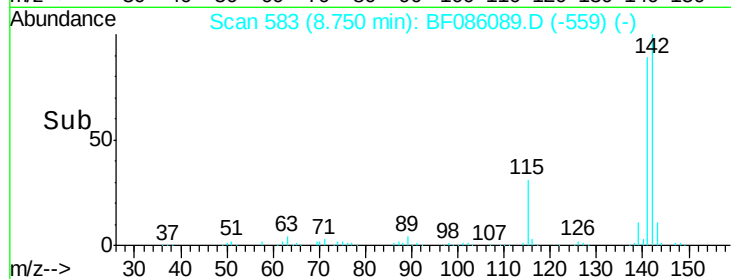
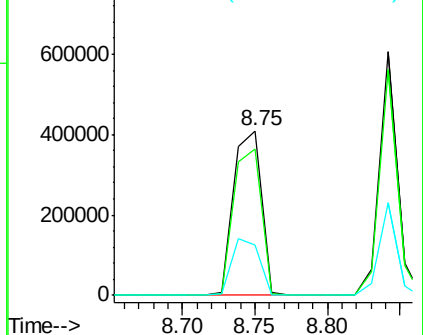
#37
 2-Methylnaphthalene
 Concen: 37.12 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 545916
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.6 107.4
 115 30.6 26.8 40.2

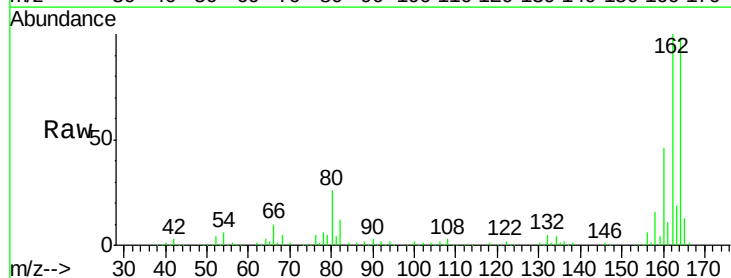


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

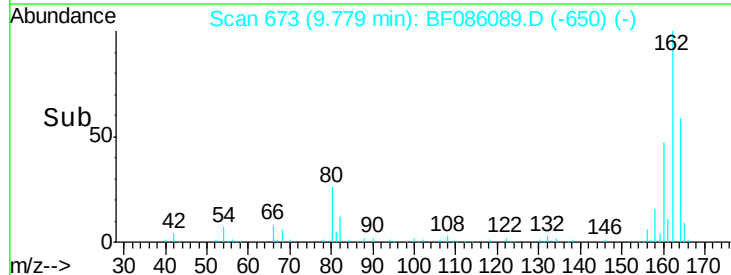
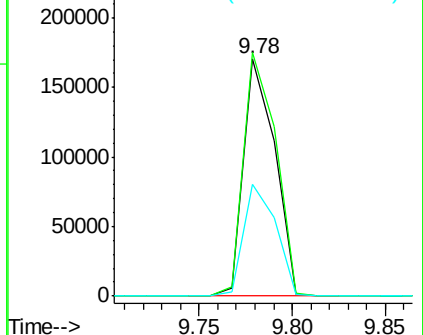


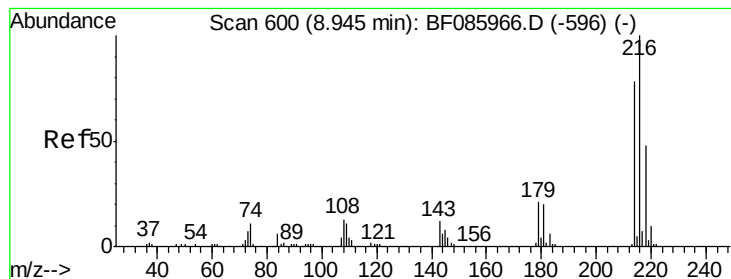
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:164 Resp: 198836
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 47.0 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.07 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 239453

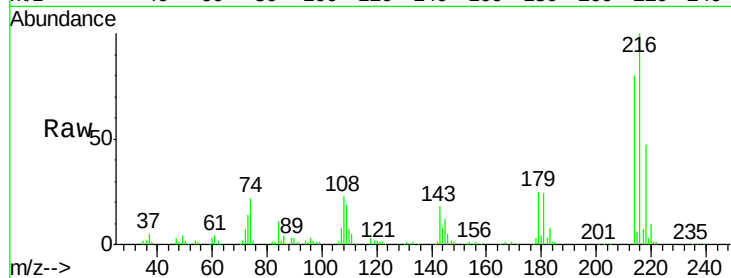
Ion Ratio Lower Upper

216 100

214 79.4 63.1 94.7

179 23.8 18.2 27.2

108 22.7 17.3 25.9

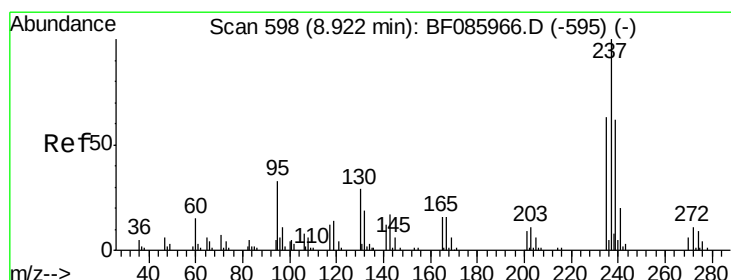
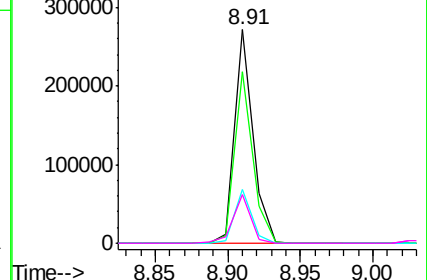
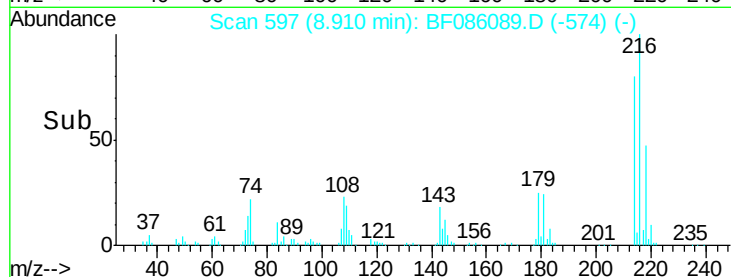


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.50 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

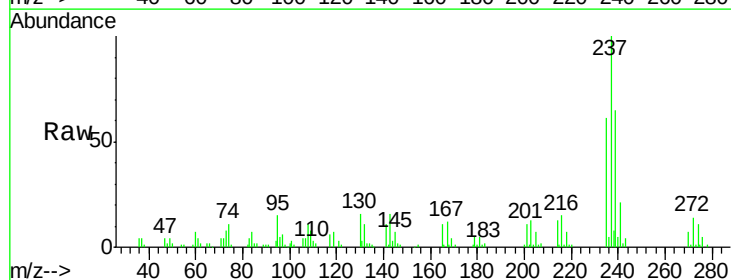
Tgt Ion:237 Resp: 63247

Ion Ratio Lower Upper

237 100

235 60.8 43.7 83.7

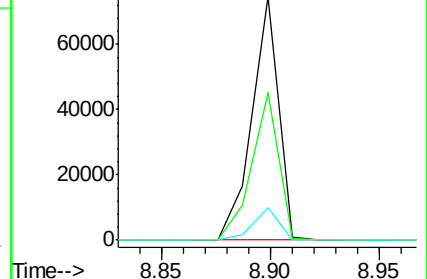
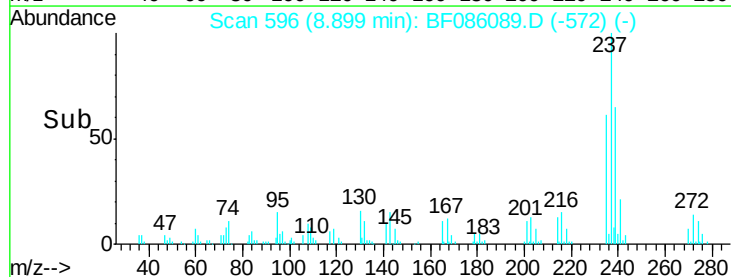
272 13.6 0.0 31.9

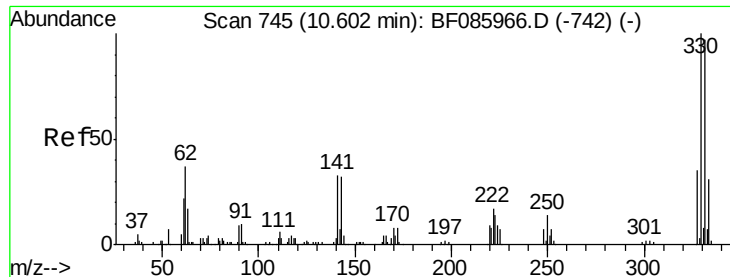


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

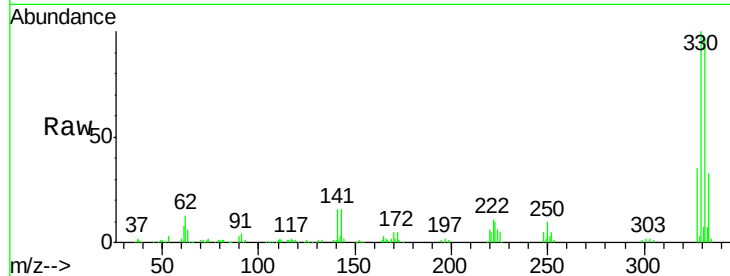




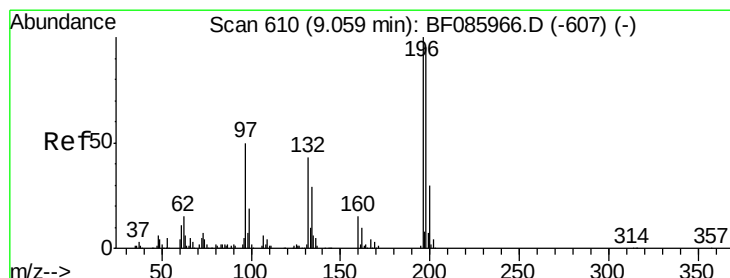
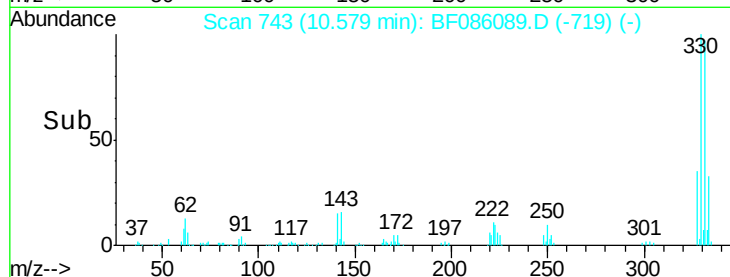
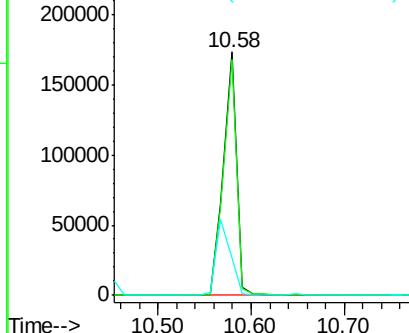
#41
 2,4,6-Tribromophenol
 Concen: 91.74 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:330 Resp: 171219
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 34.2 31.5 47.3

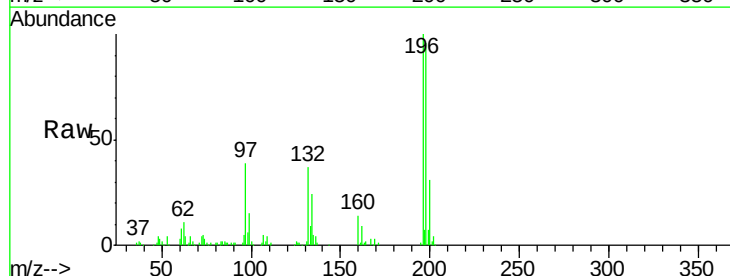


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

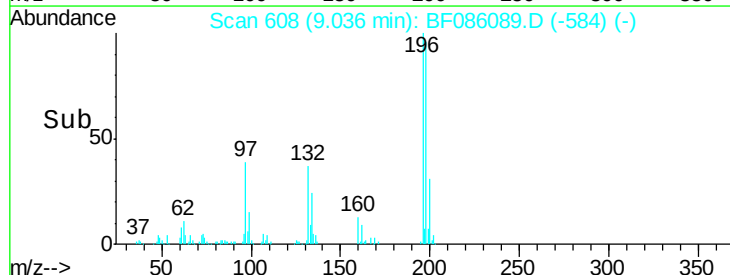
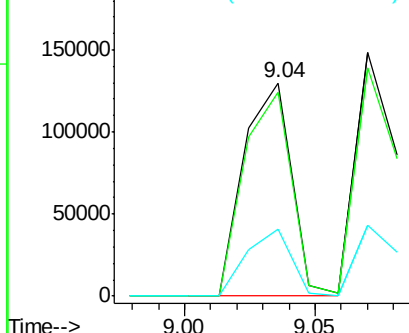


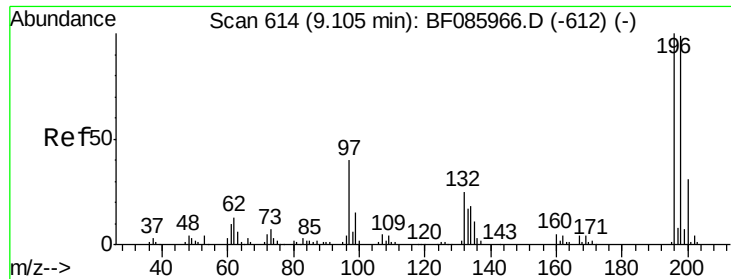
#42
 2,4,6-Trichlorophenol
 Concen: 42.86 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:196 Resp: 164463
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.3 112.9
 200 31.2 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

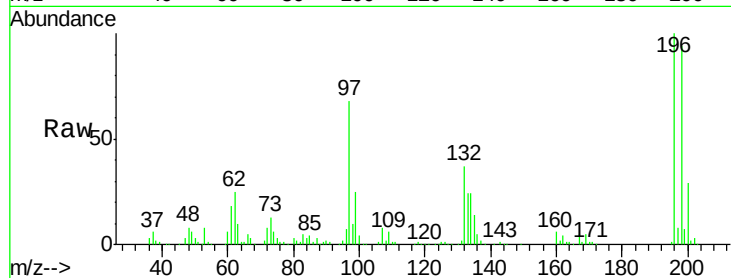




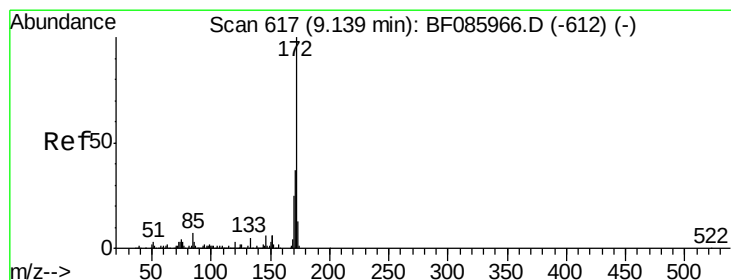
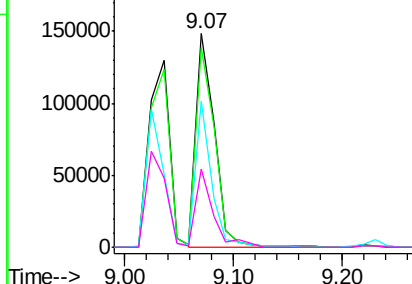
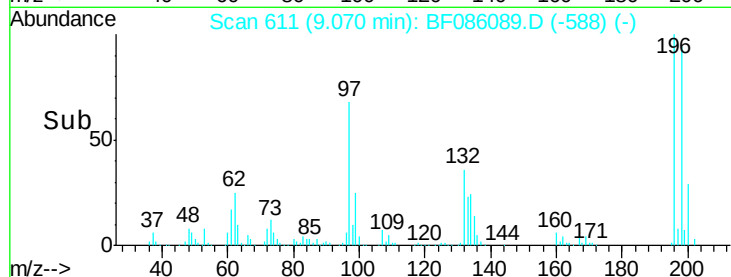
#43
 2,4,5-Trichlorophenol
 Concen: 44.46 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 173216
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.6 114.8
 97 68.4 30.5 45.7#
 132 36.7 20.2 30.2#

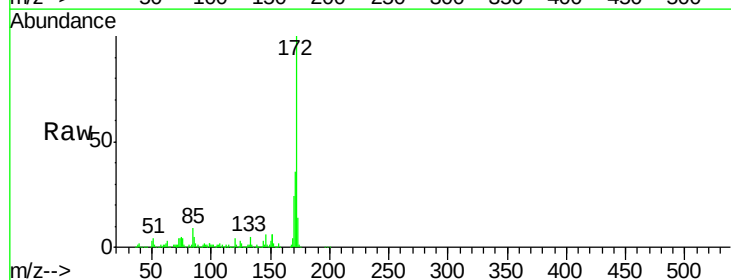


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

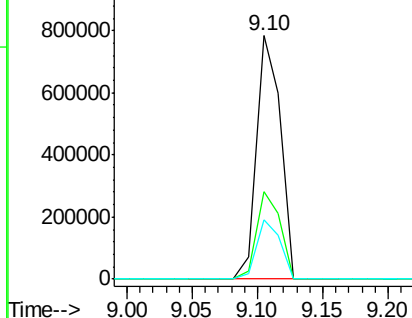
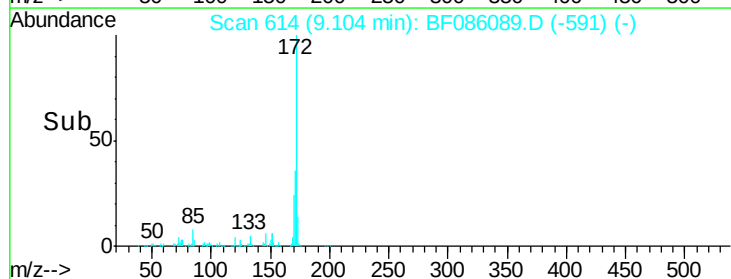


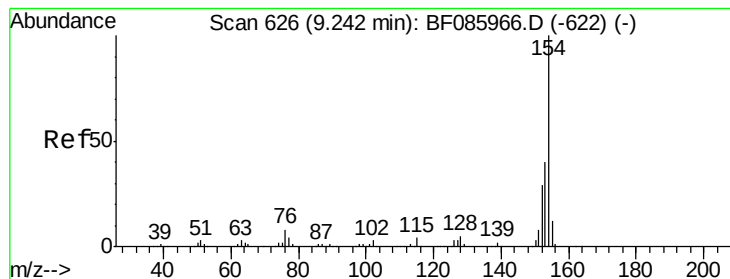
#44
 2-Fluorobiphenyl
 Concen: 83.85 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:172 Resp: 1002716
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.3 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.14 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

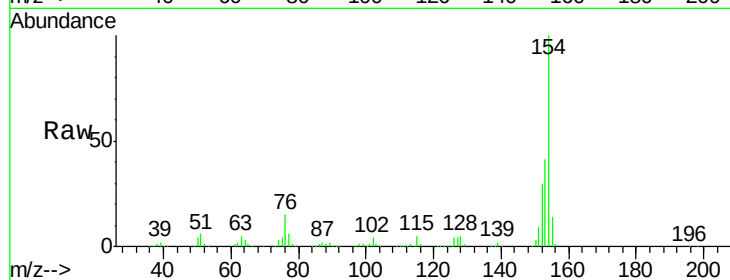
Tgt Ion:154 Resp: 671097

Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

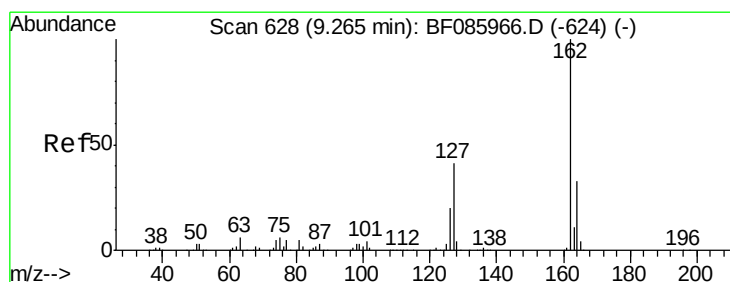
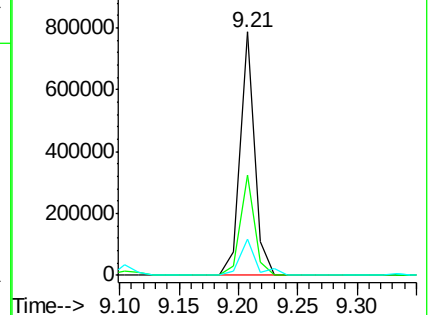
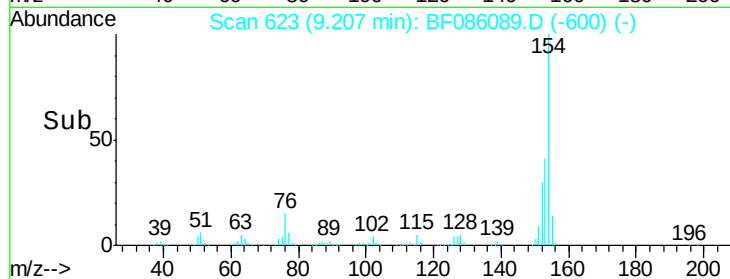
76 14.7 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.32 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

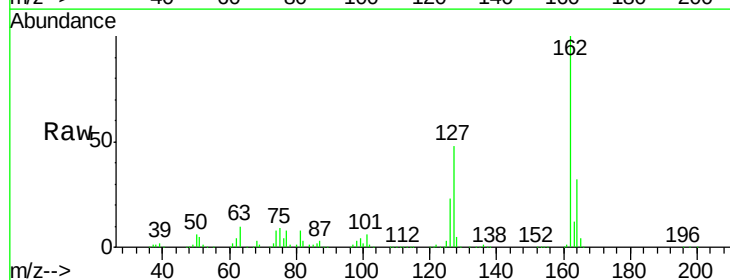
Tgt Ion:162 Resp: 488698

Ion Ratio Lower Upper

162 100

127 47.7 31.7 47.5#

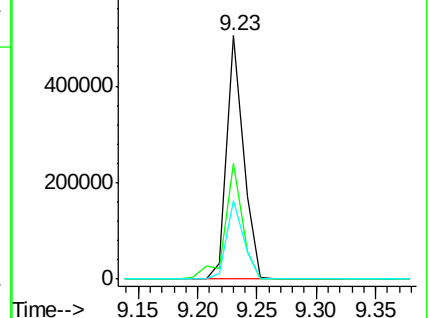
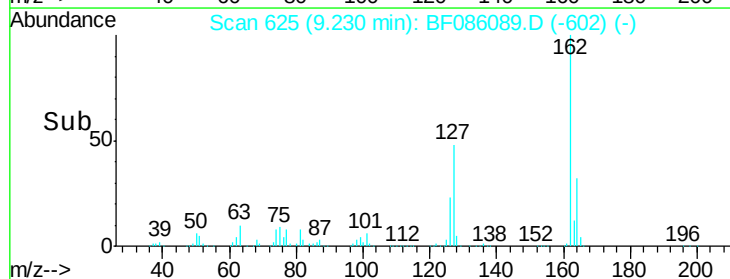
164 32.5 27.3 40.9

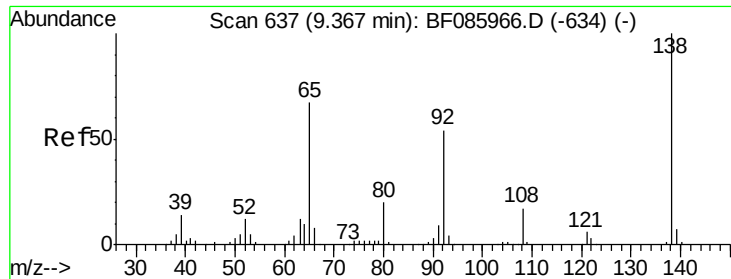


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

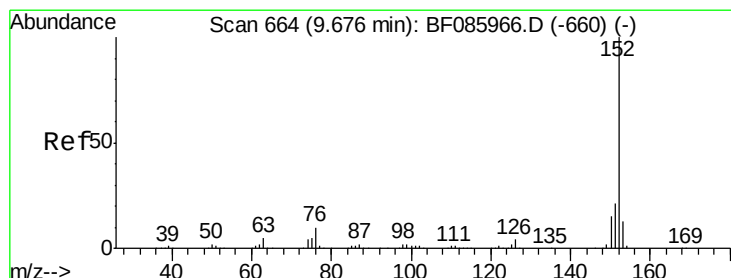
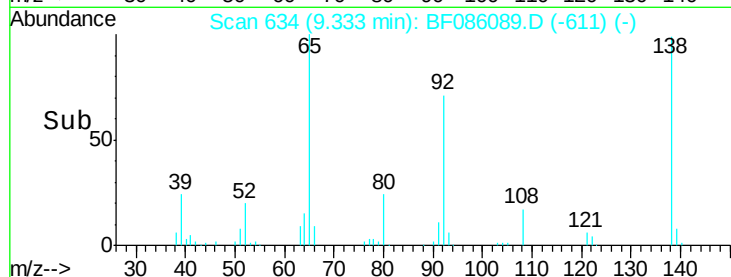
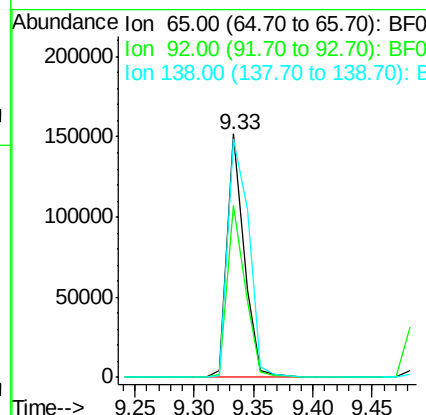
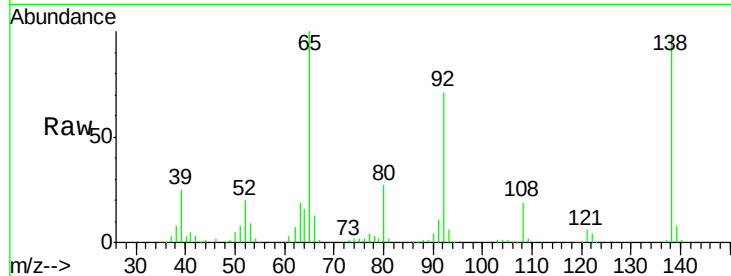




#47
 2-Nitroaniline
 Concen: 41.16 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

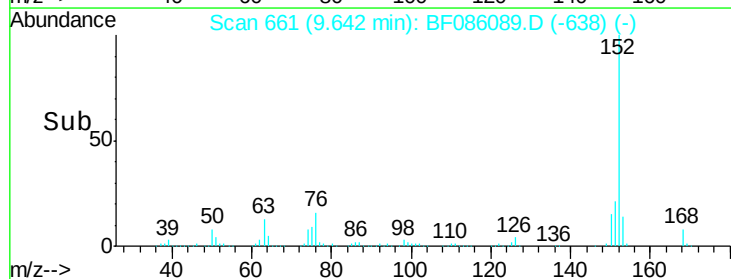
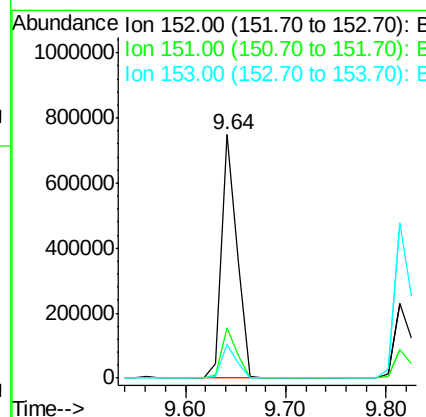
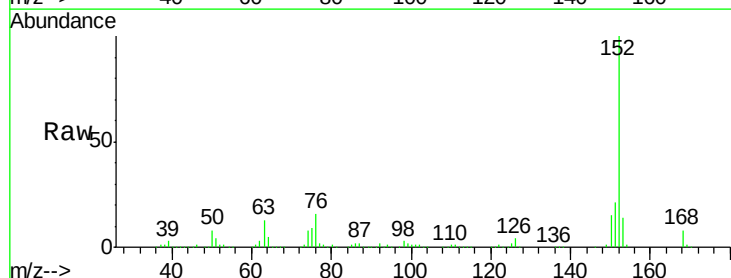
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

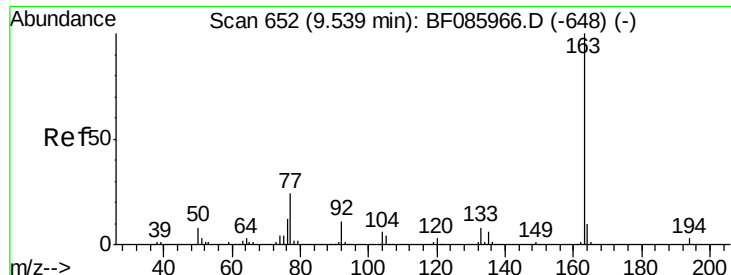
Tgt Ion: 65 Resp: 149651
 Ion Ratio Lower Upper
 65 100
 92 70.8 59.7 89.5
 138 98.0 91.4 137.0



#48
 Acenaphthylene
 Concen: 39.66 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion: 152 Resp: 789488
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.7 10.9 16.3

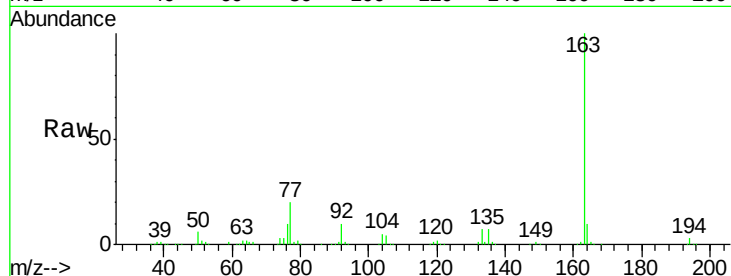




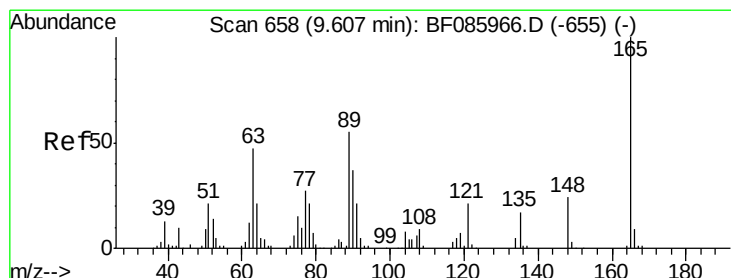
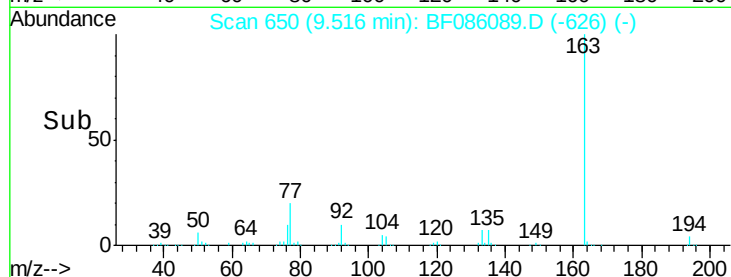
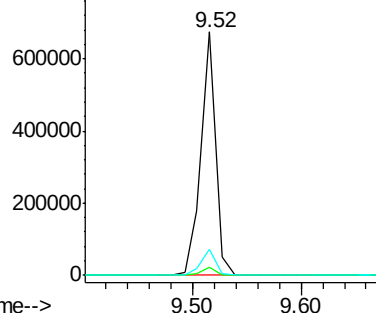
#49
Dimethylphthalate
Concen: 42.66 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 628695
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.4 8.3 12.5

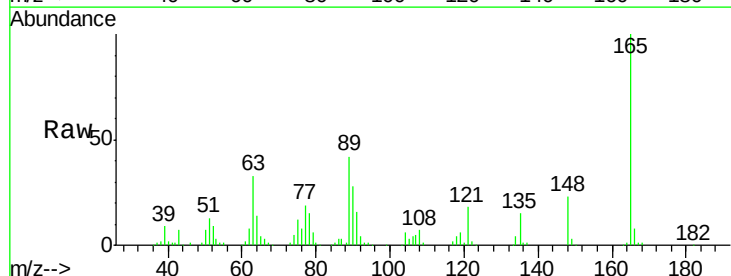


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

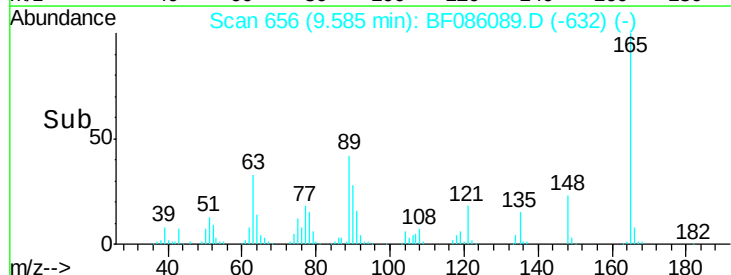
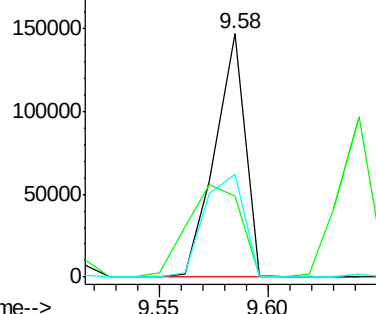


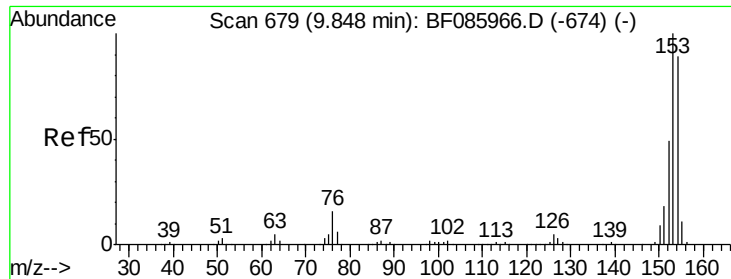
#50
2,6-Dinitrotoluene
Concen: 45.94 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion:165 Resp: 143240
Ion Ratio Lower Upper
165 100
63 33.2 51.8 77.8#
89 42.3 53.7 80.5#



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





#51

Acenaphthene

Concen: 38.92 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

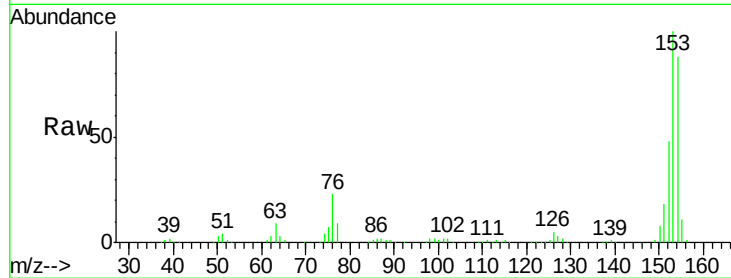
Tgt Ion:154 Resp: 460807

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

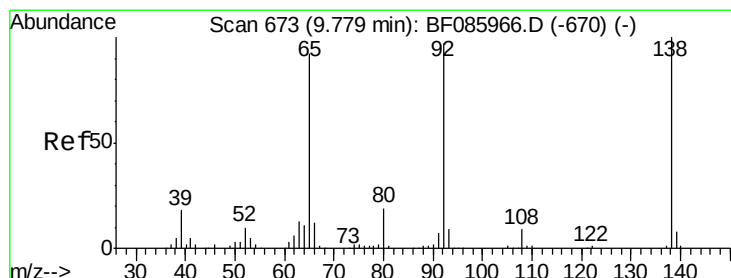
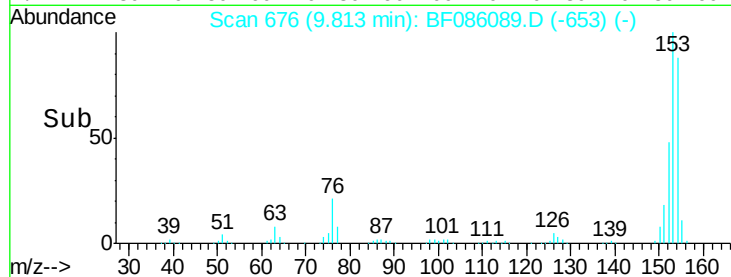
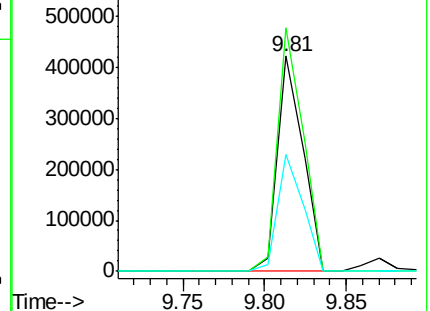
152 54.5 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.85 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

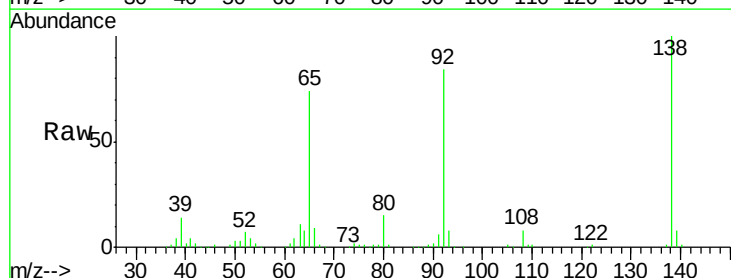
Tgt Ion:138 Resp: 161027

Ion Ratio Lower Upper

138 100

108 8.5 8.7 13.1#

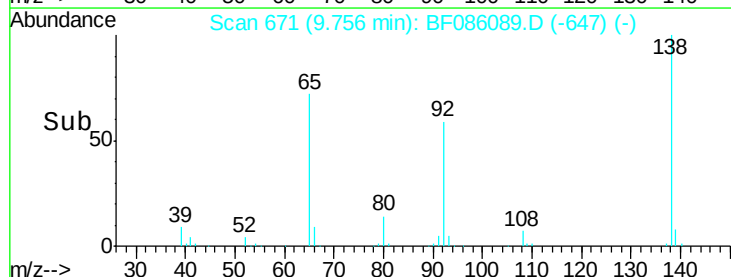
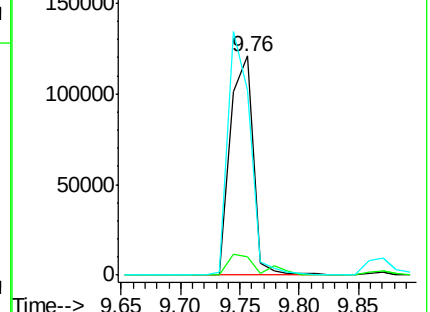
92 84.2 93.3 139.9#

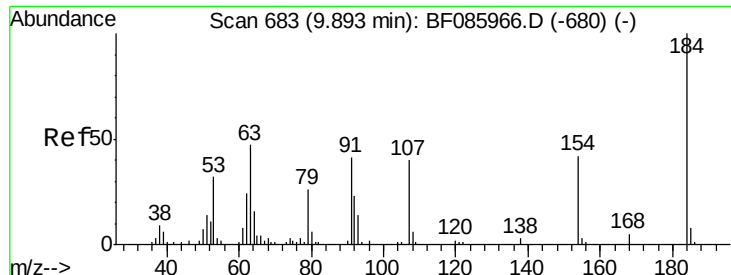


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

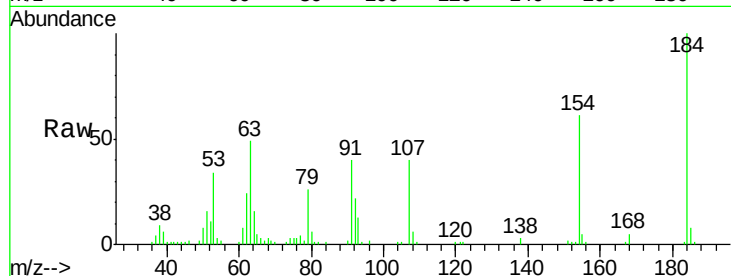




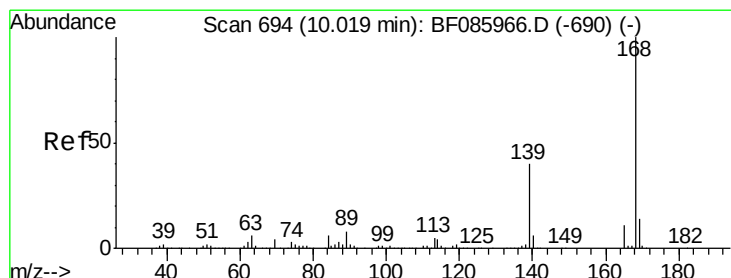
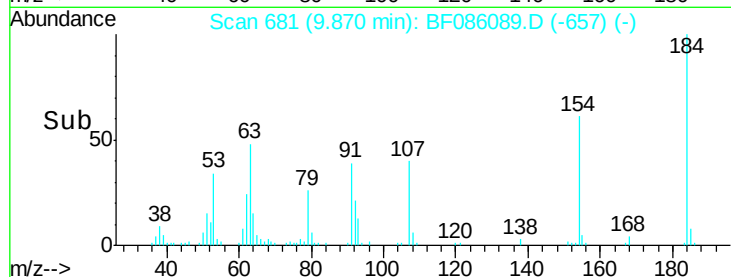
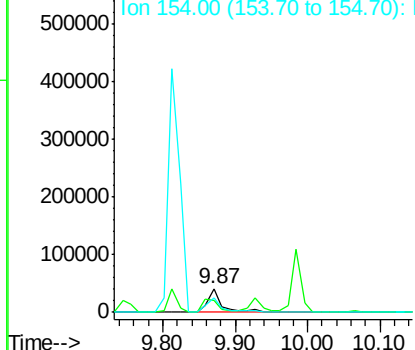
#53
 2,4-Dinitrophenol
 Concen: 38.44 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 58537
 Ion Ratio Lower Upper
 184 100
 63 49.4 69.5 104.3#
 154 60.6 58.3 87.5

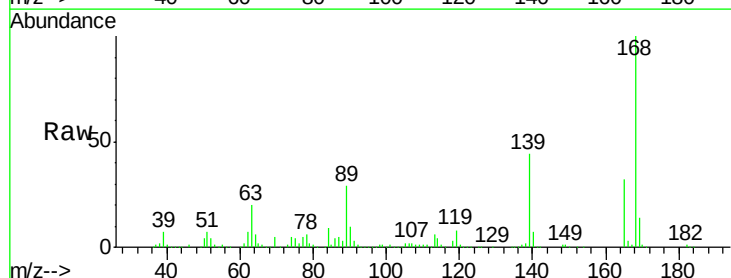


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

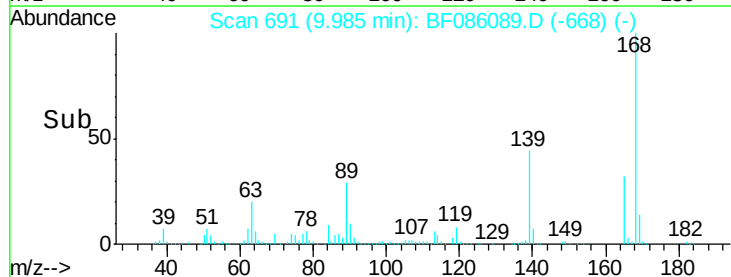
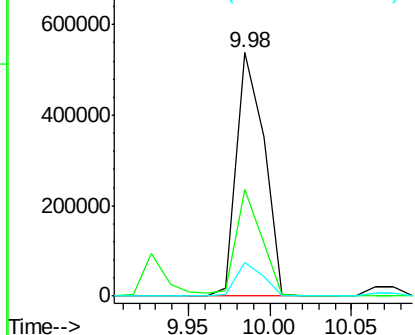


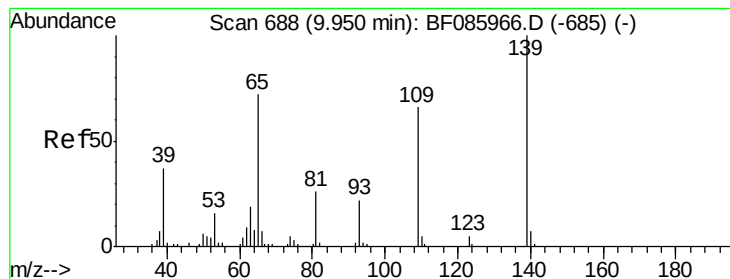
#54
 Dibenzofuran
 Concen: 40.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:168 Resp: 625516
 Ion Ratio Lower Upper
 168 100
 139 43.9 31.9 47.9
 169 14.0 11.0 16.6



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





#55

4-Nitrophenol

Concen: 44.30 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

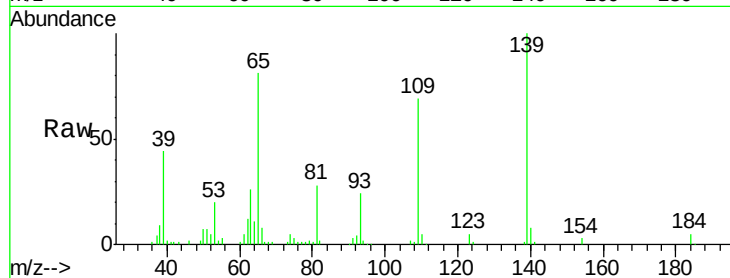
Tgt Ion:139 Resp: 98150

Ion Ratio Lower Upper

139 100

109 68.6 49.2 89.2

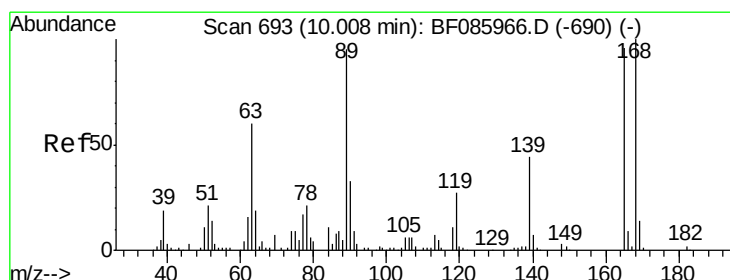
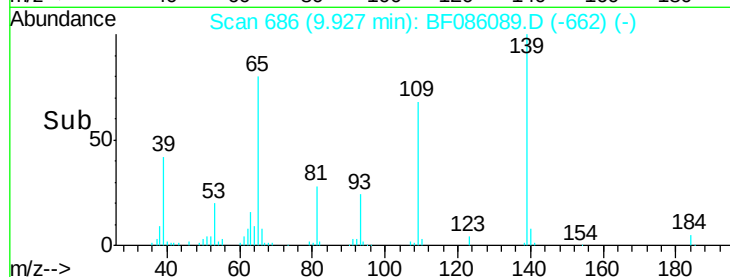
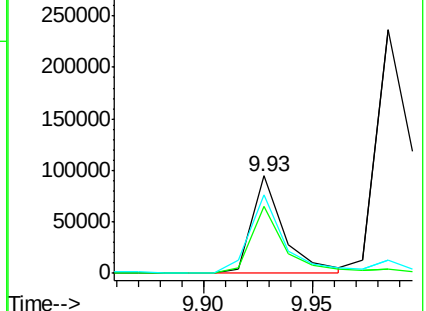
65 80.5 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.24 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Tgt Ion:165 Resp: 158528

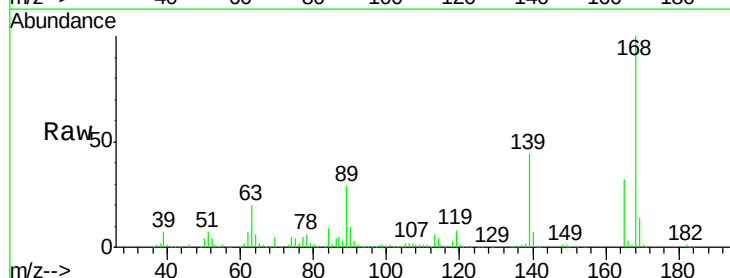
Ion Ratio Lower Upper

165 100

63 62.6 24.9 37.3#

89 89.5 41.0 61.6#

182 2.5 2.1 3.1

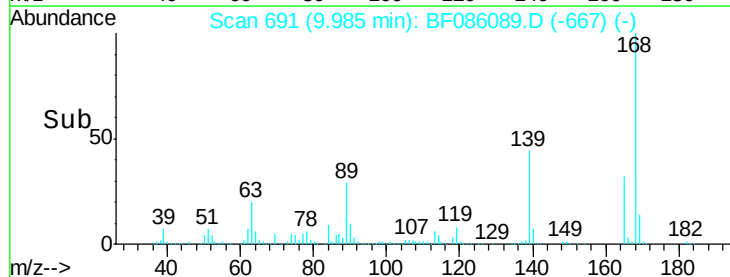
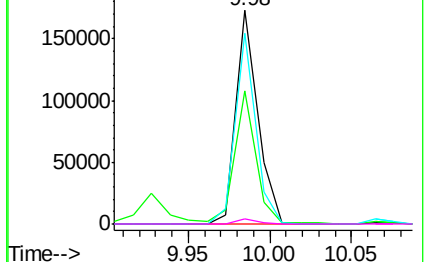


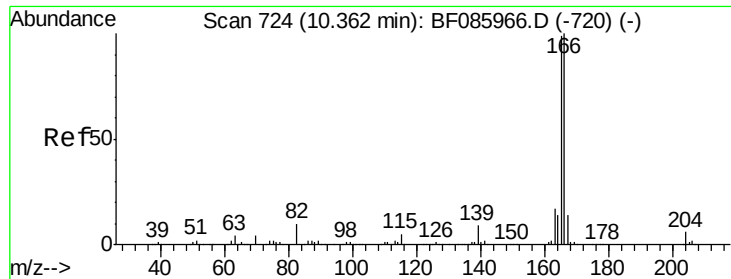
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

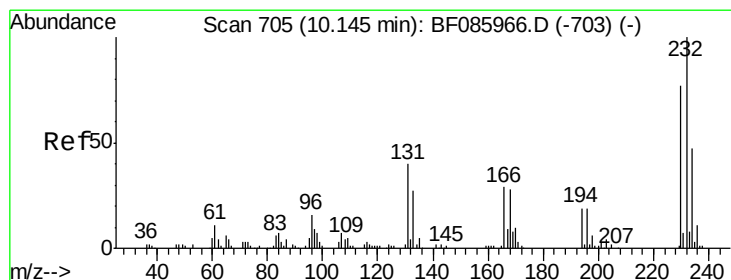
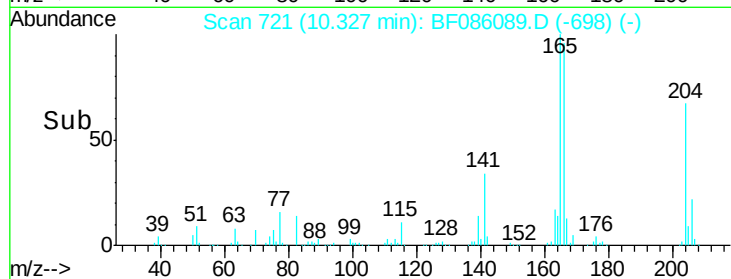
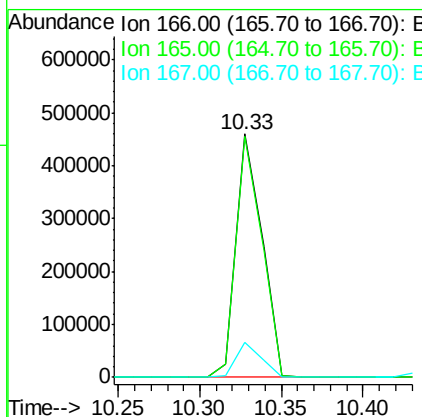
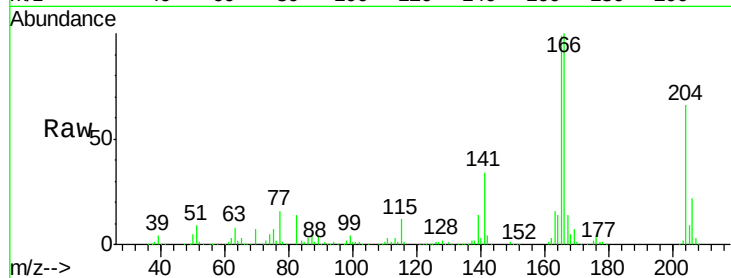




#57
 Fluorene
 Concen: 37.87 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

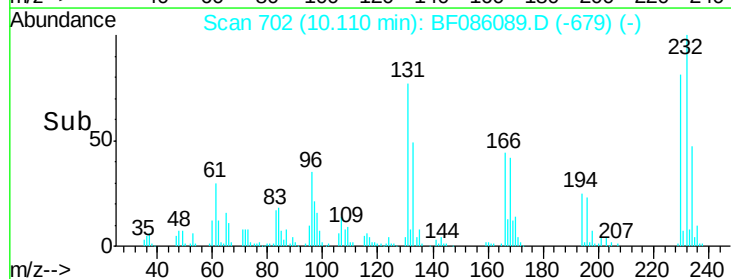
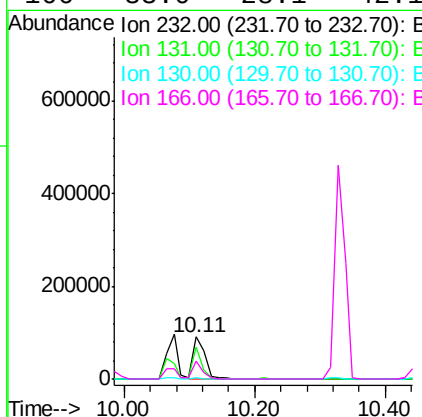
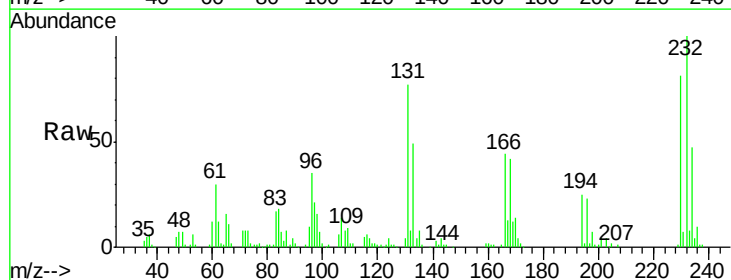
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

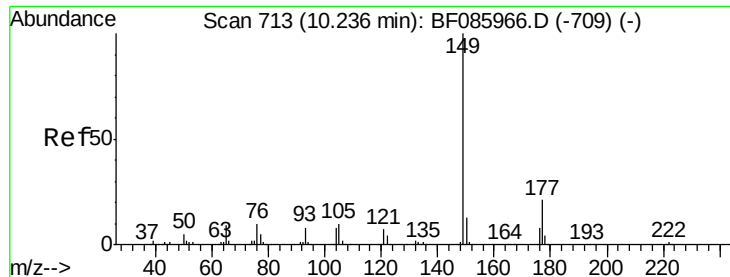
Tgt Ion:166 Resp: 505913
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.4 119.0
 167 14.2 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.01 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:232 Resp: 116079
 Ion Ratio Lower Upper
 232 100
 131 58.2 44.9 67.3
 130 2.6 2.3 3.5
 166 33.0 28.1 42.1

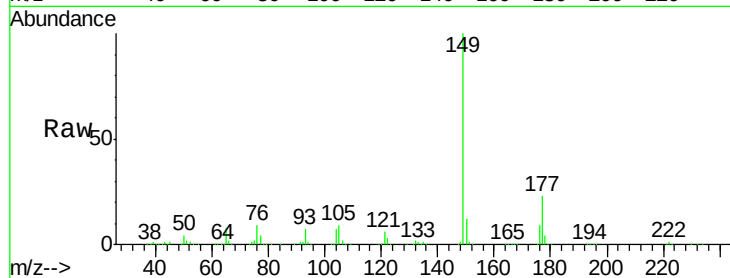




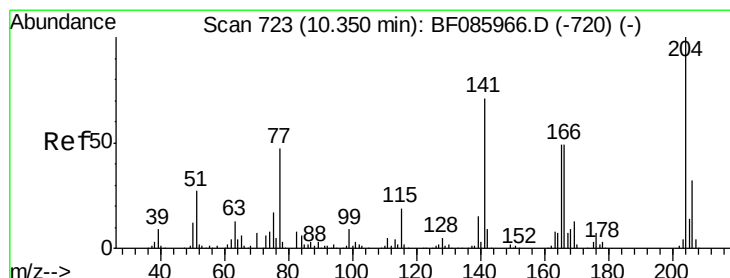
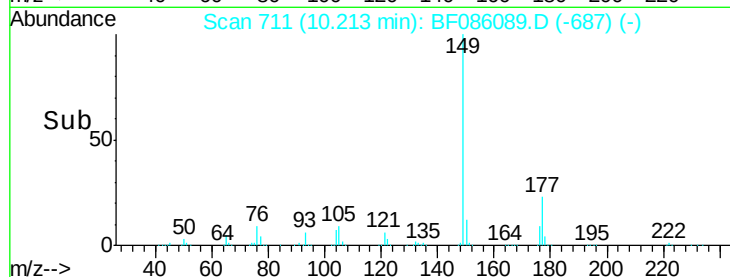
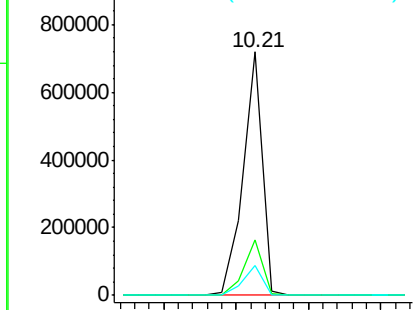
#59
Diethylphthalate
Concen: 44.36 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 659812
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.5 10.2 15.2

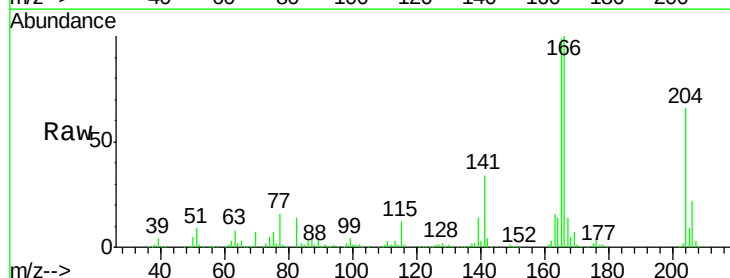


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

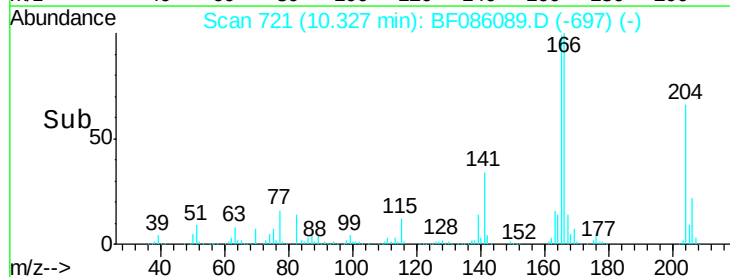
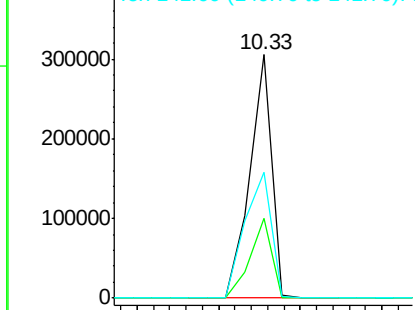


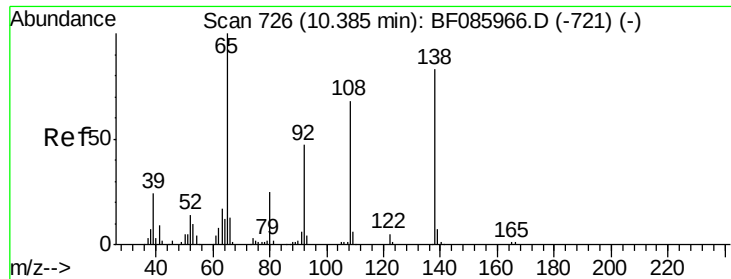
#60
4-Chlorophenyl-phenylether
Concen: 45.50 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion:204 Resp: 283085
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 51.8 57.4 86.0#



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

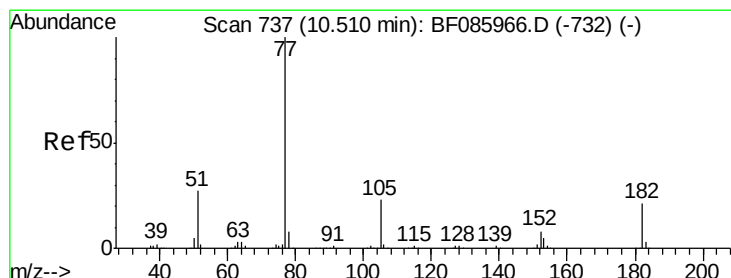
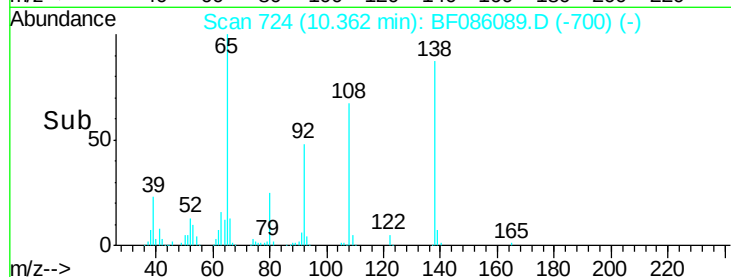
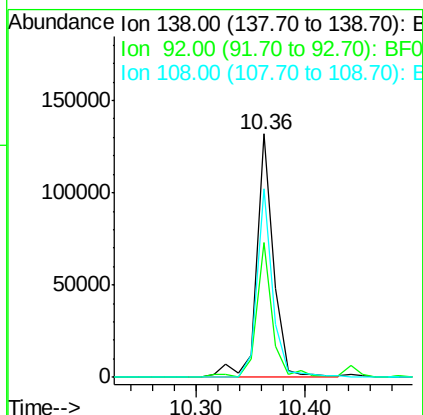
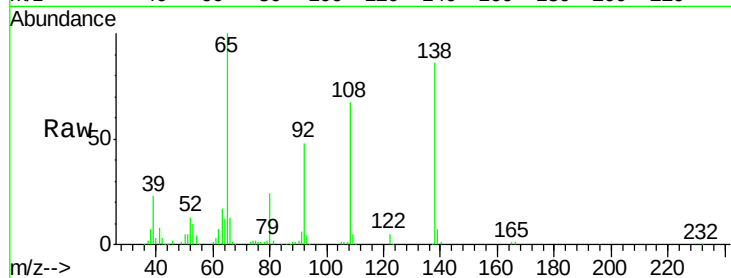




#61
4-Nitroaniline
Concen: 39.17 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

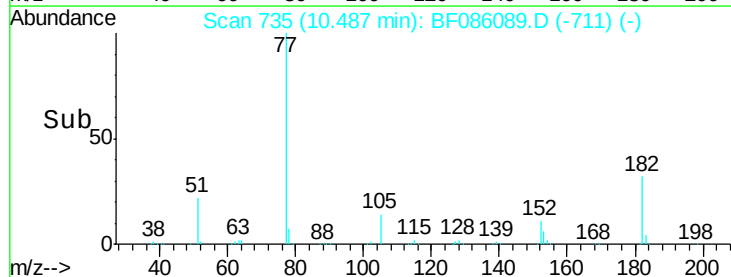
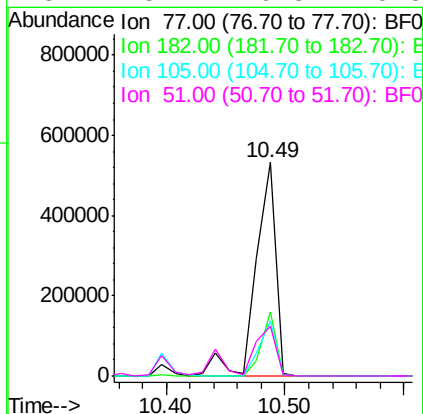
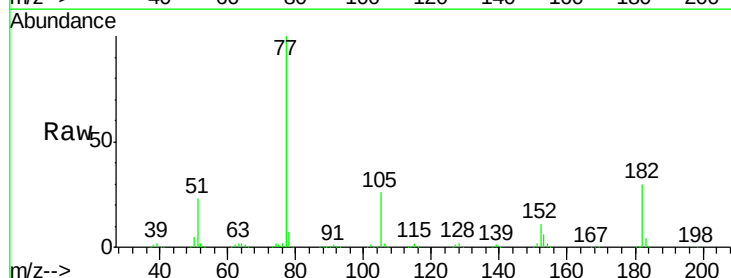
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

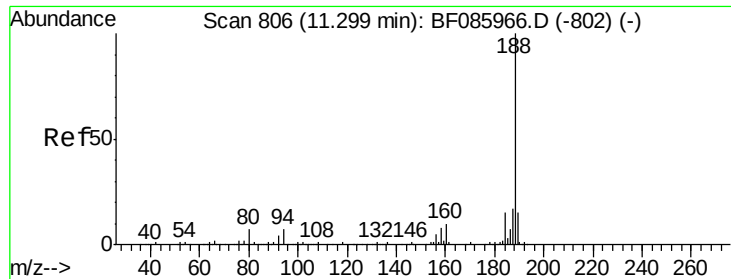
Tgt Ion:138 Resp: 144975
Ion Ratio Lower Upper
138 100
92 55.4 26.4 66.4
108 77.7 49.0 89.0



#62
Azobenzene
Concen: 44.24 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion: 77 Resp: 630340
Ion Ratio Lower Upper
77 100
182 30.0 1.9 41.9
105 25.6 3.5 43.5
51 23.4 6.3 46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

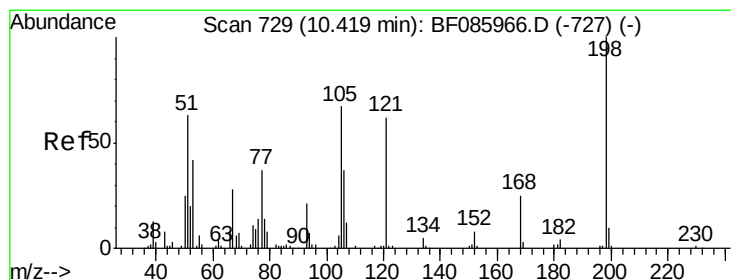
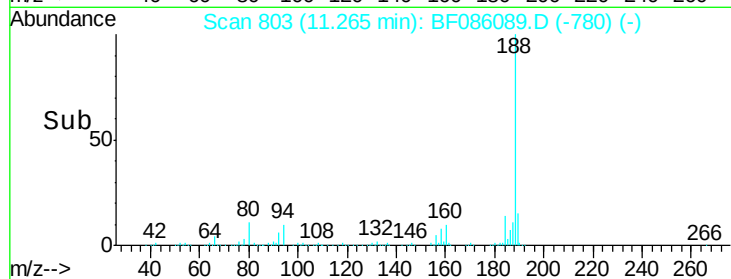
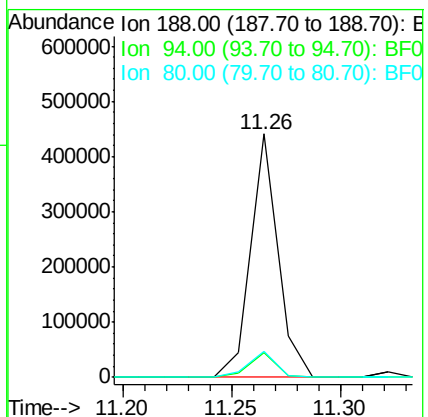
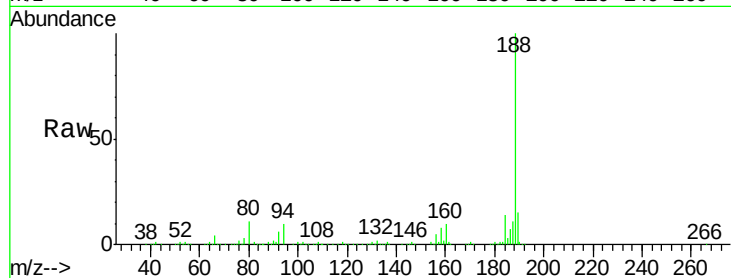
Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 386130

Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.4	8.0#
80	10.8	5.5	8.3#



#64

4,6-Dinitro-2-methylphenol

Concen: 40.70 ng

RT: 10.40 min Scan# 727

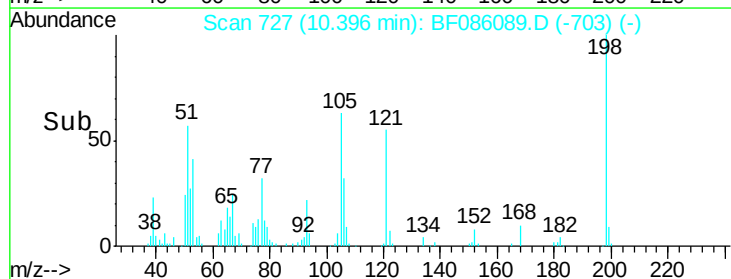
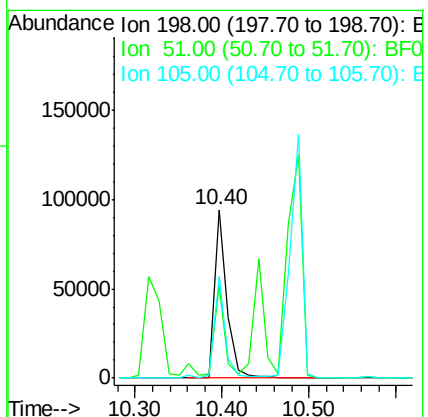
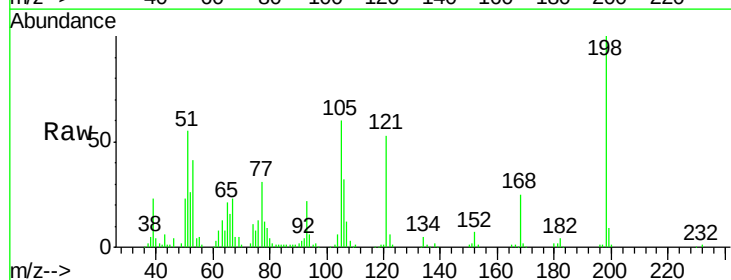
Delta R.T. -0.02 min

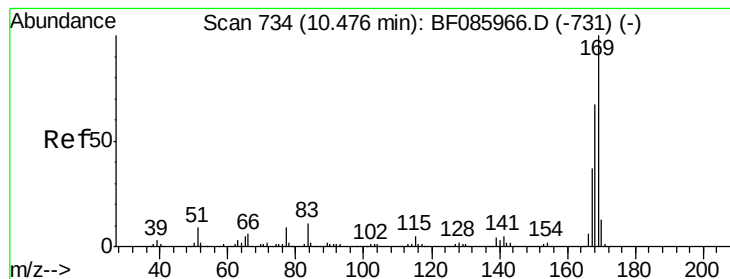
Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Tgt Ion:198 Resp: 95244

Ion	Ratio	Lower	Upper
198	100		
51	54.7	45.4	85.4
105	60.2	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 37.94 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

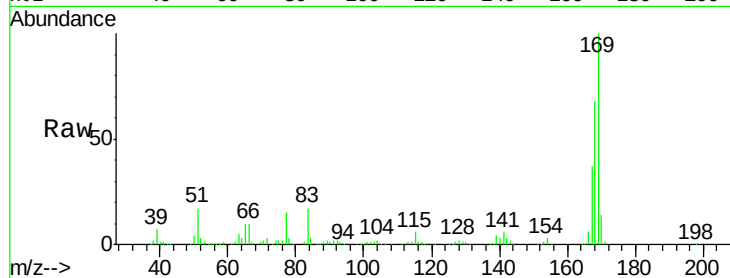
Tgt Ion:169 Resp: 458116

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

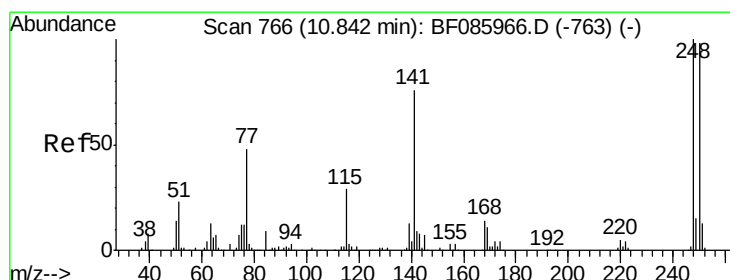
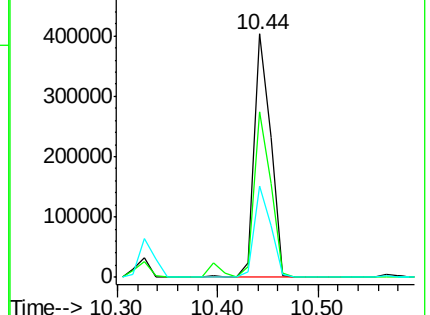
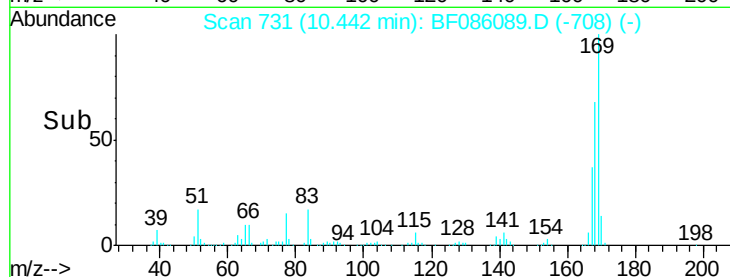
167 37.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.32 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

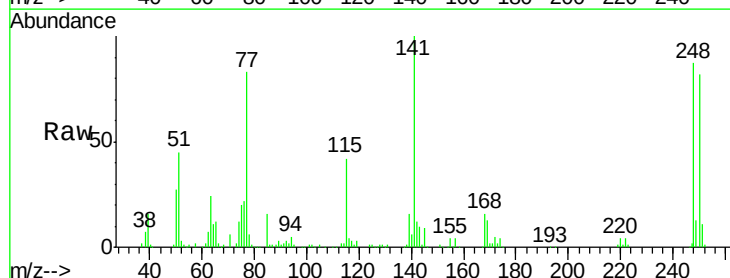
Tgt Ion:248 Resp: 154989

Ion Ratio Lower Upper

248 100

250 94.7 77.4 116.0

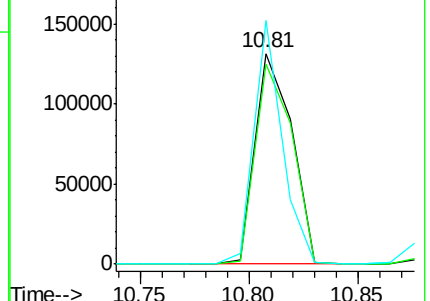
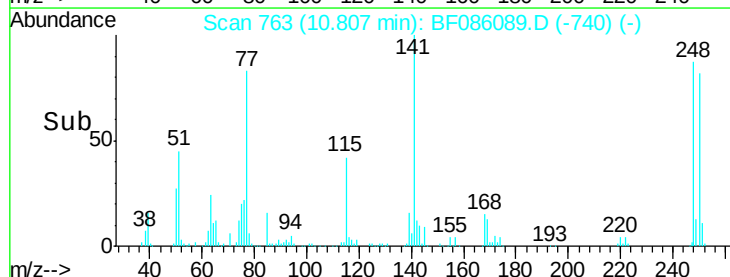
141 115.5 63.6 95.4#

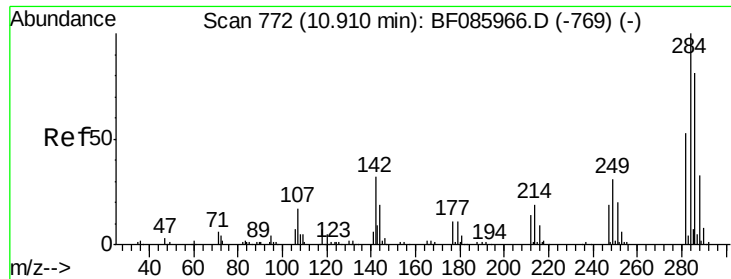


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

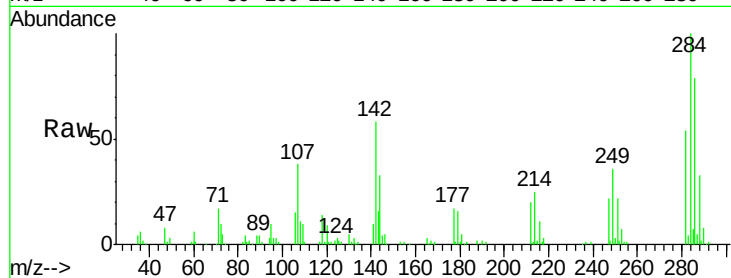




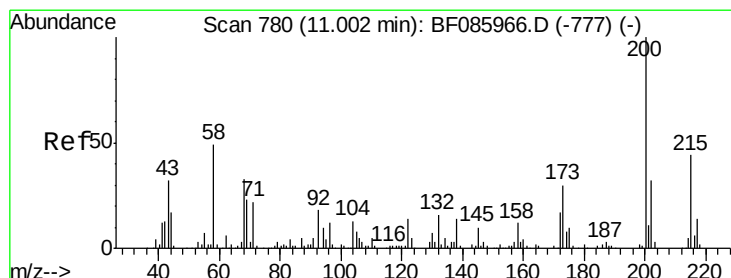
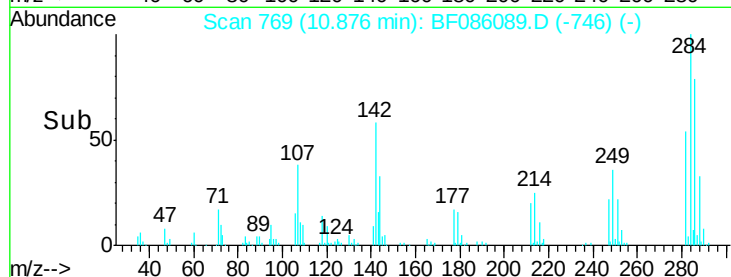
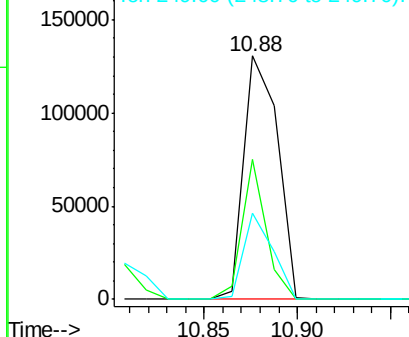
#67
Hexachlorobenzene
Concen: 40.26 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 164138
Ion Ratio Lower Upper
284 100
142 57.6 23.1 34.7#
249 35.6 24.2 36.2

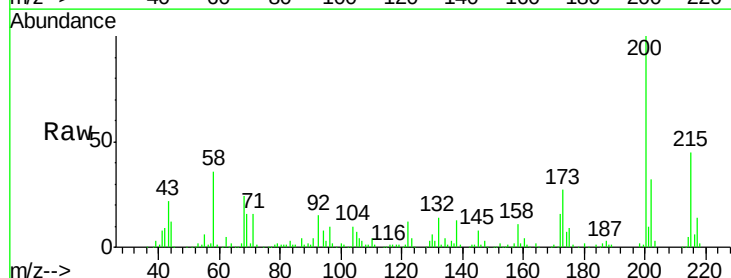


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

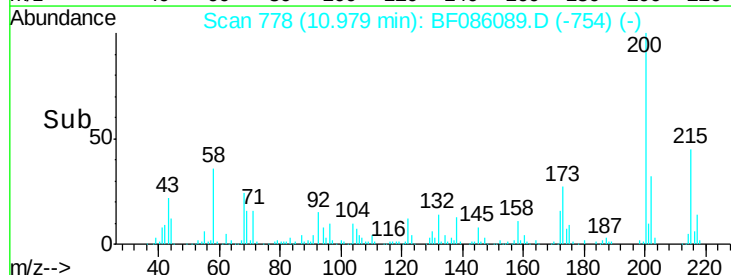
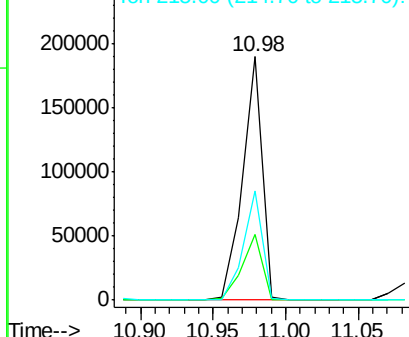


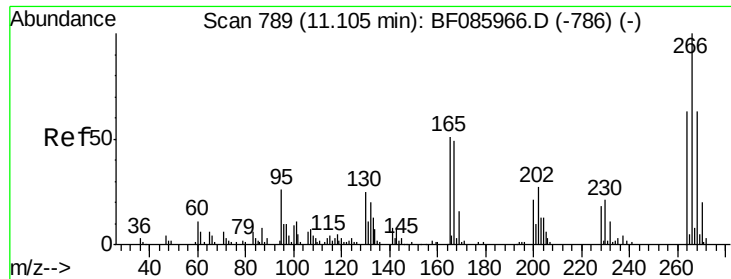
#68
Atrazine
Concen: 45.57 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion:200 Resp: 177805
Ion Ratio Lower Upper
200 100
173 27.0 7.7 47.7
215 44.8 25.4 65.4



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

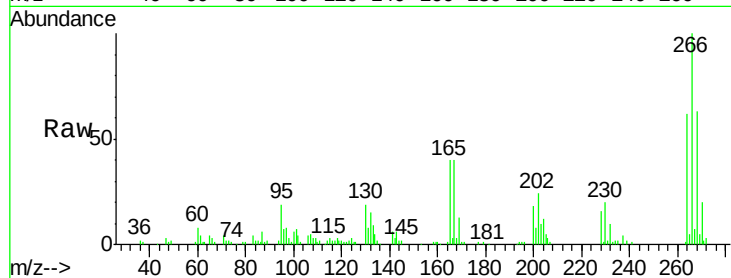




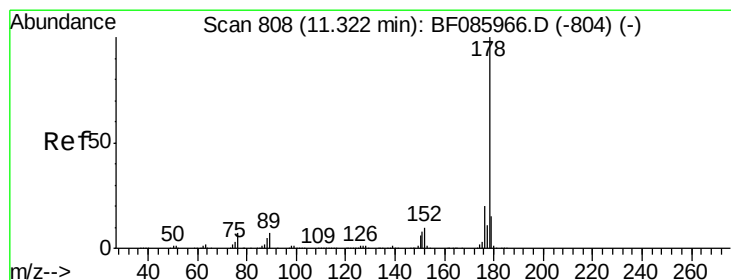
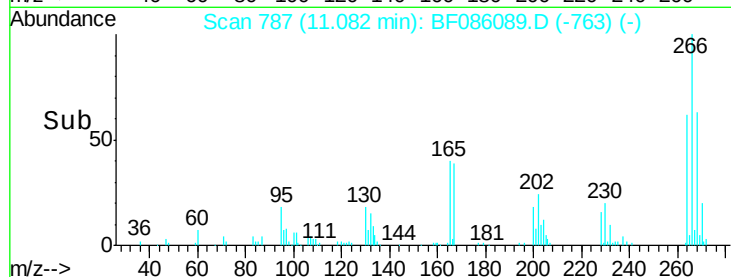
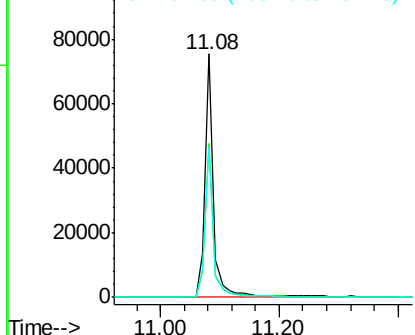
#69
 Pentachlorophenol
 Concen: 41.48 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:266 Resp: 79247
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 61.9 50.6 76.0

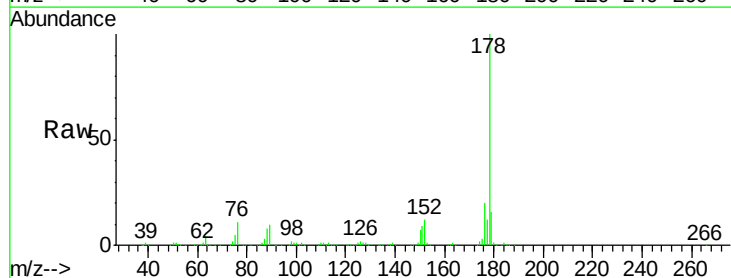


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

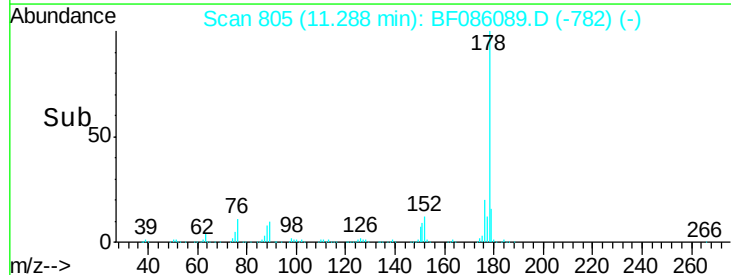
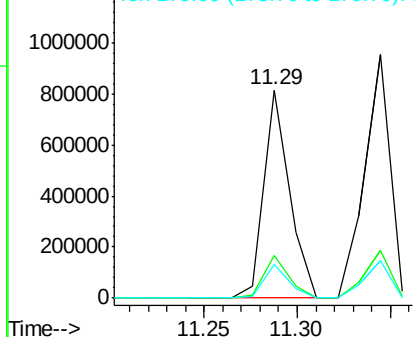


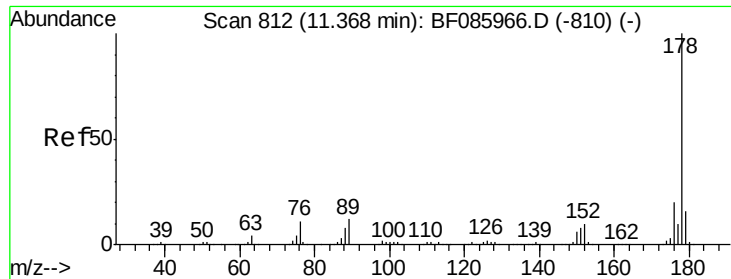
#70
 Phenanthrene
 Concen: 36.81 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:178 Resp: 775338
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.3 24.5
 179 16.1 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

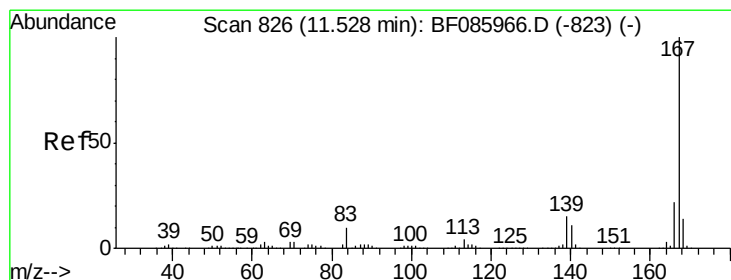
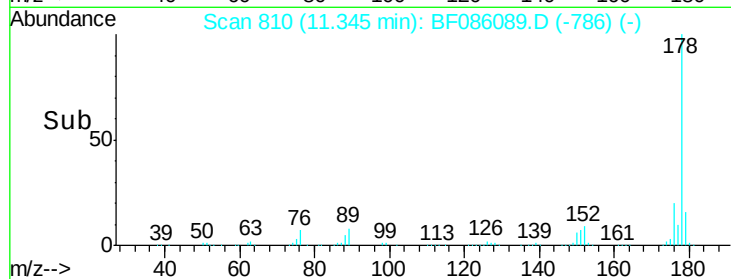
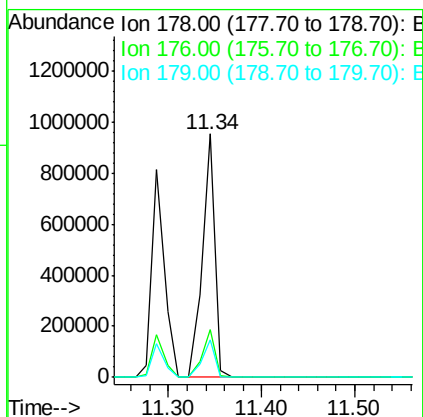
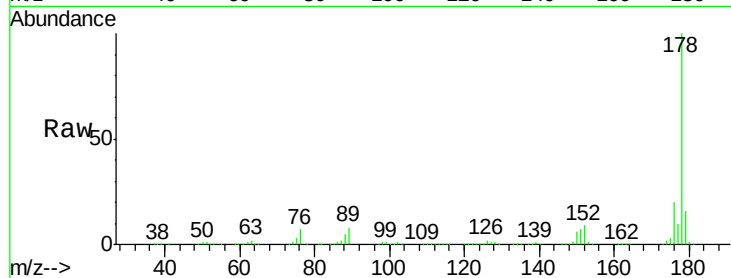




#71
 Anthracene
 Concen: 40.80 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

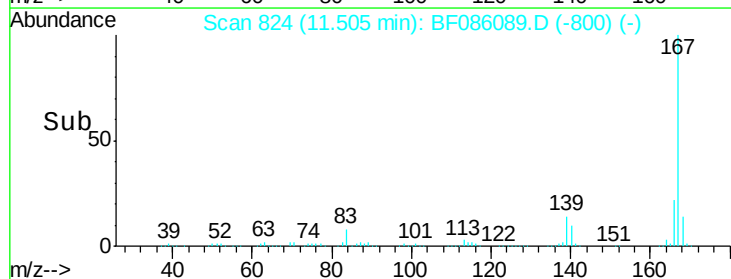
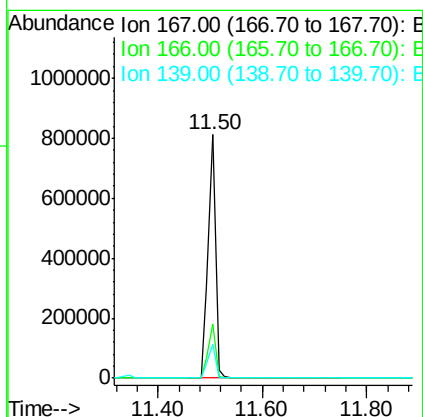
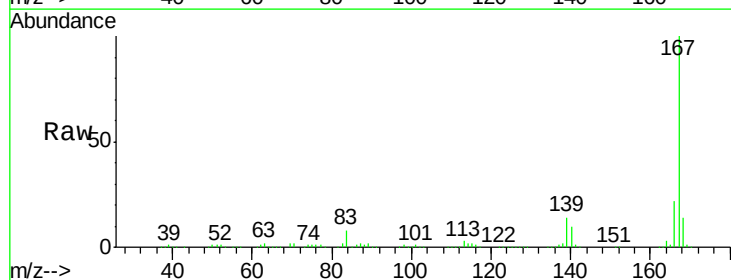
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

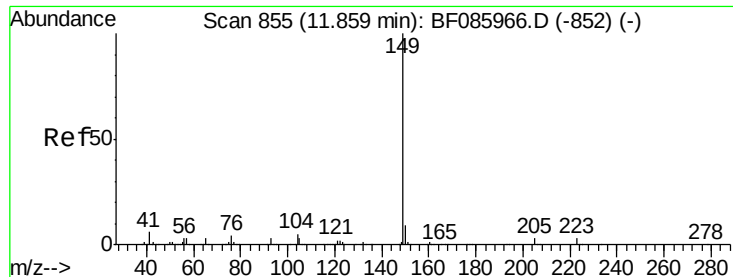
Tgt Ion:178 Resp: 900295
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.6 13.0 19.4



#72
 Carbazole
 Concen: 42.10 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion:167 Resp: 798554
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.9 11.6 17.4

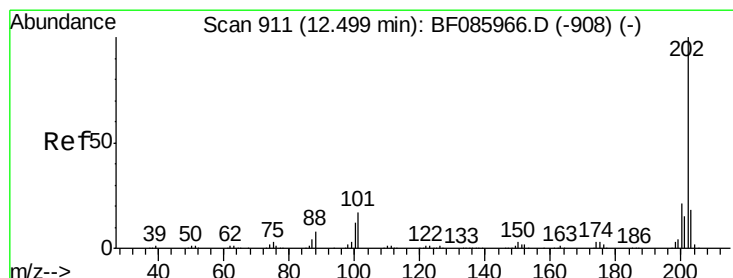
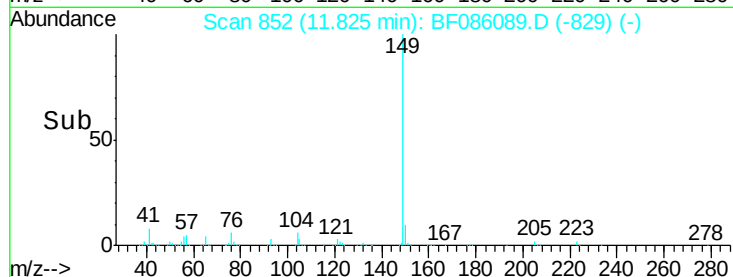
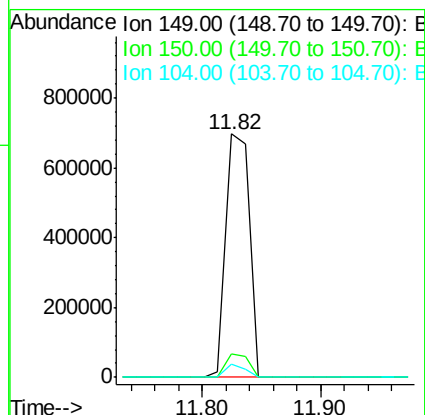
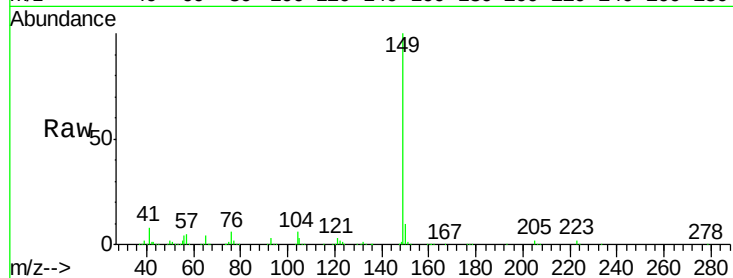




#73
Di-n-butylphthalate
Concen: 40.52 ng
RT: 11.82 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

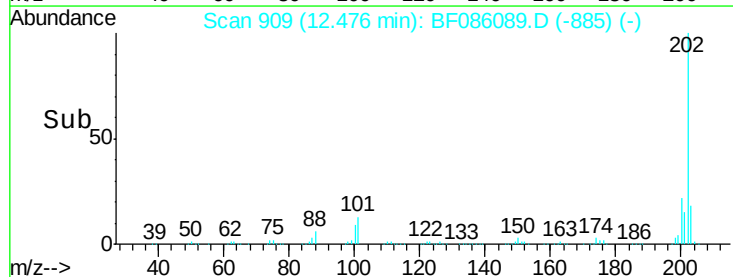
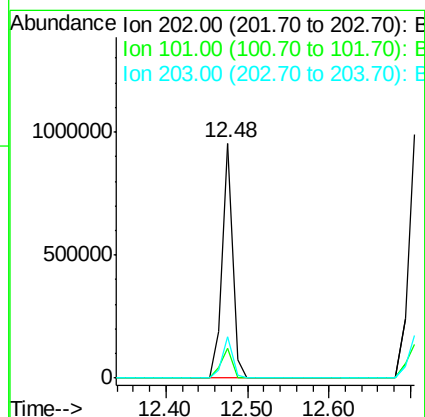
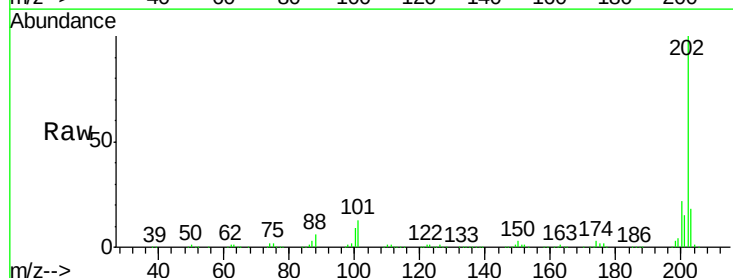
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

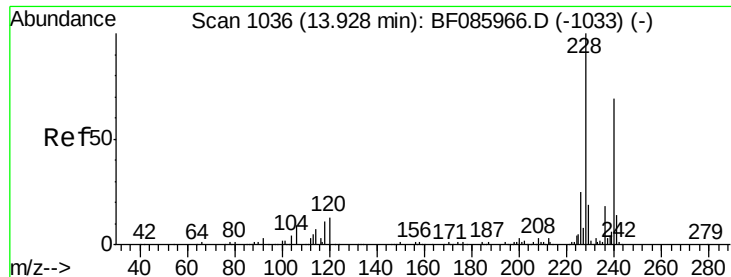
Tgt Ion:149 Resp: 952289
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 5.7 3.8 5.8



#74
Fluoranthene
Concen: 38.50 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion:202 Resp: 843463
Ion Ratio Lower Upper
202 100
101 12.6 0.0 36.6
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

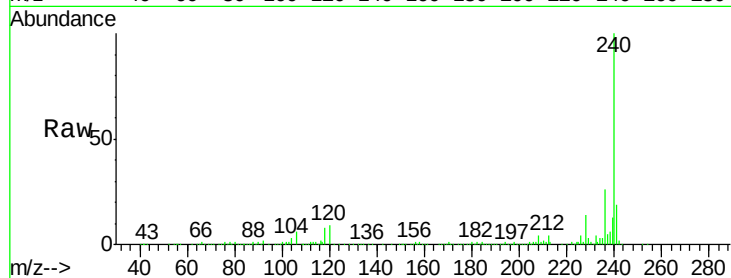
Tgt Ion:240 Resp: 307432

Ion Ratio Lower Upper

240 100

120 9.1 13.8 20.8#

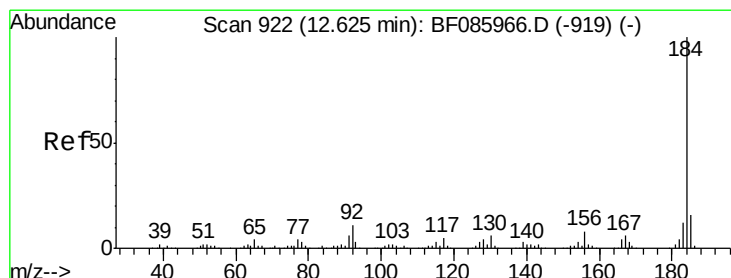
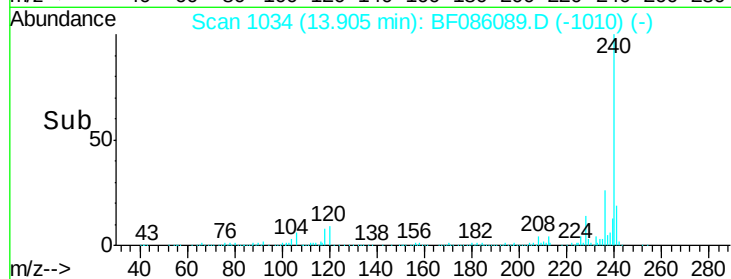
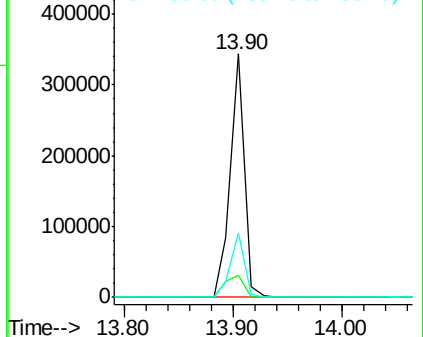
236 26.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.15 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

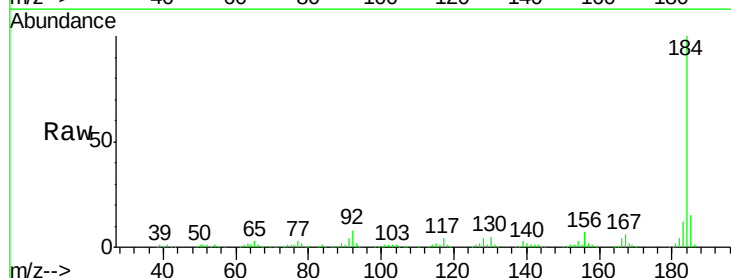
Tgt Ion:184 Resp: 359550

Ion Ratio Lower Upper

184 100

185 14.7 12.4 18.6

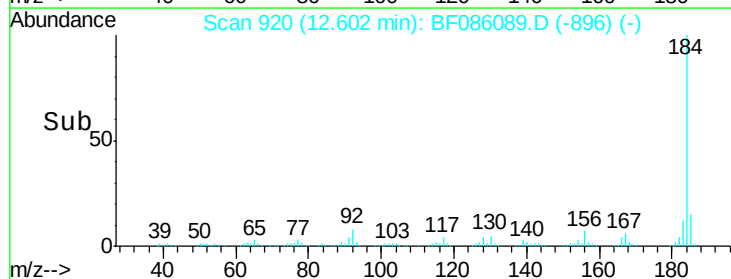
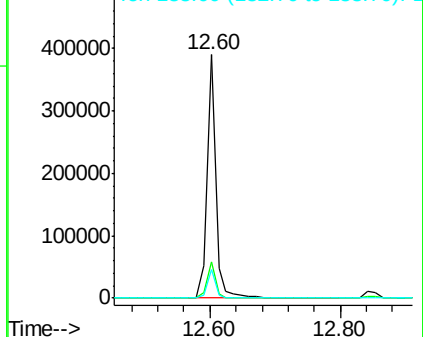
183 11.6 9.4 14.2

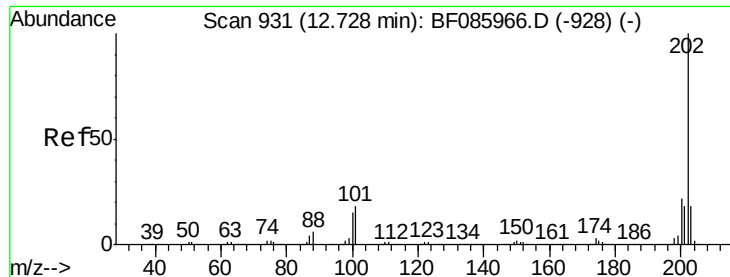


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

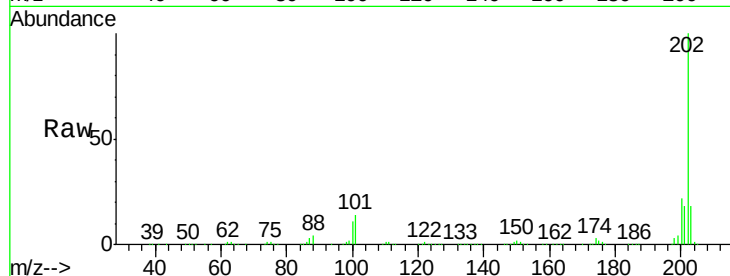




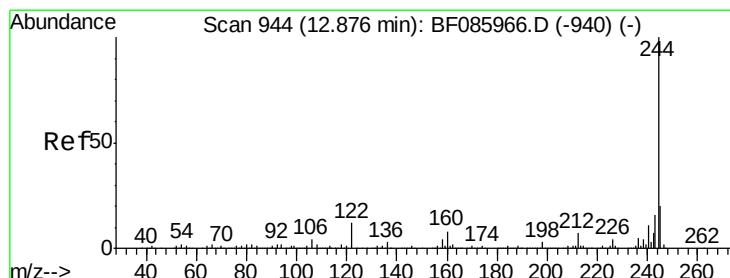
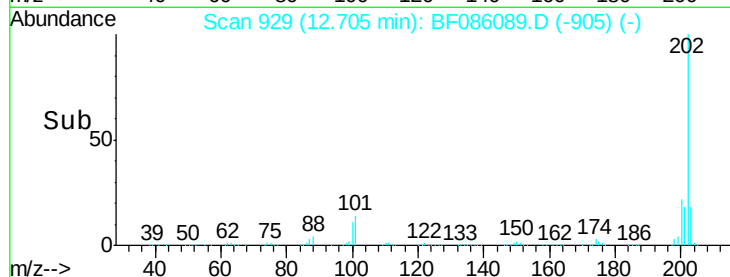
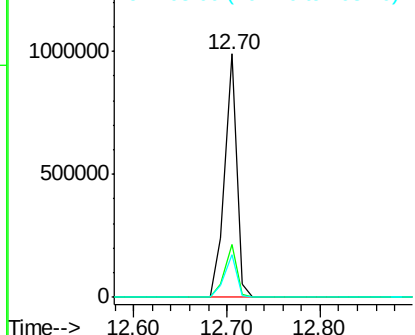
#77
Pyrene
 Concen: 40.89 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 885833
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.6 26.4
 203 17.6 14.0 21.0

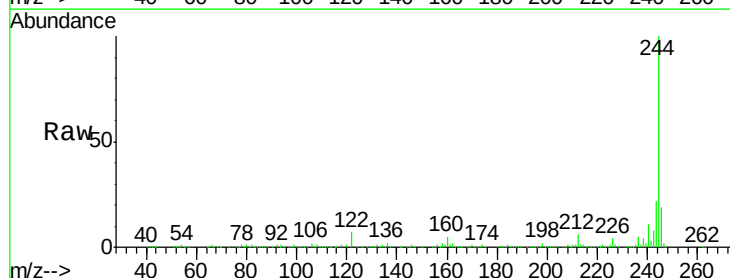


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

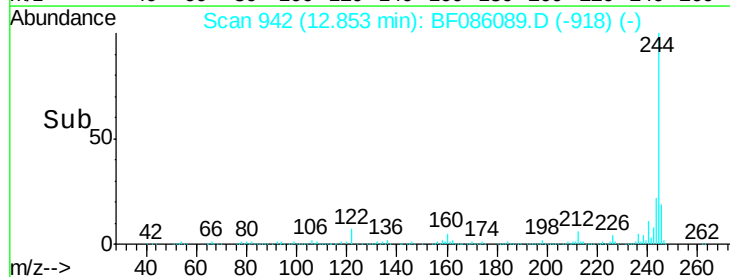
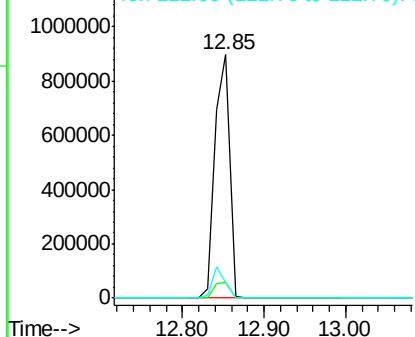


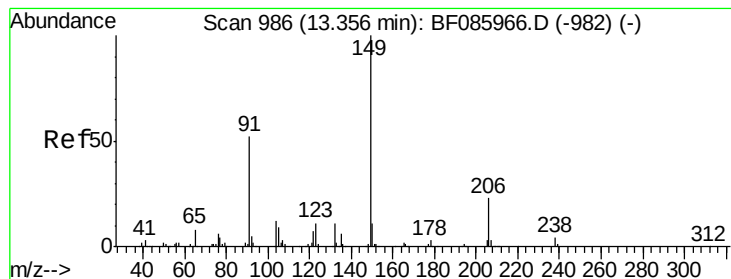
#78
Terphenyl-d14
 Concen: 85.84 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion: 244 Resp: 1122671
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.1 9.1
 122 6.5 10.2 15.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.30 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

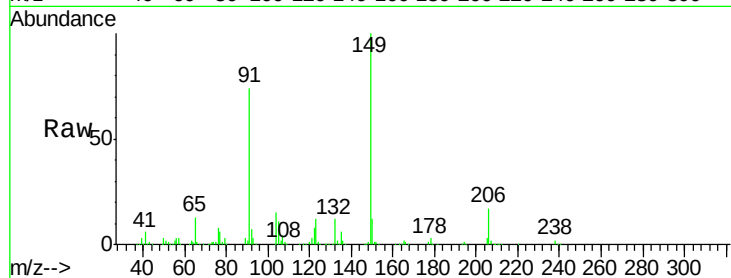
Tgt Ion:149 Resp: 393082

Ion Ratio Lower Upper

149 100

91 73.8 45.8 68.8#

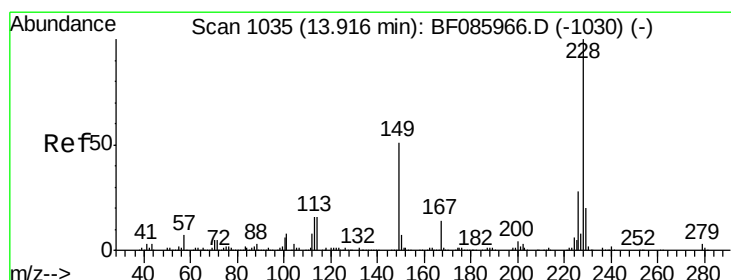
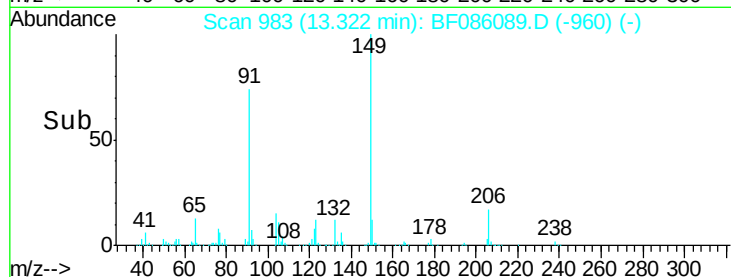
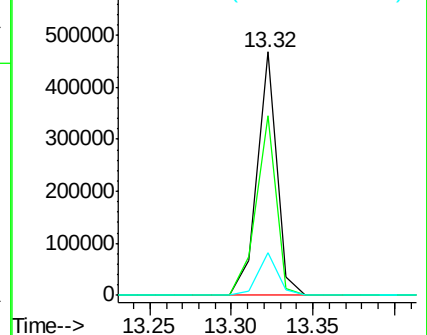
206 17.4 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.43 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

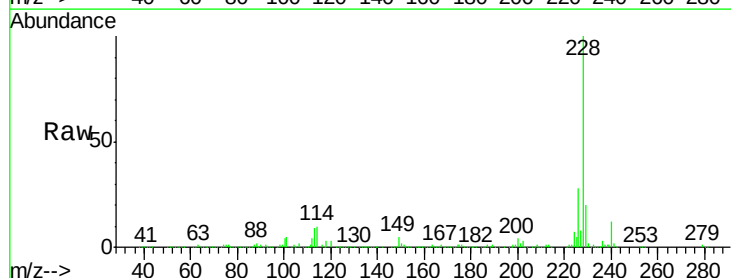
Tgt Ion:228 Resp: 696389

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

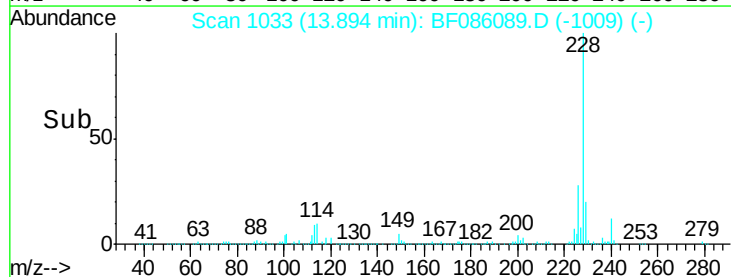
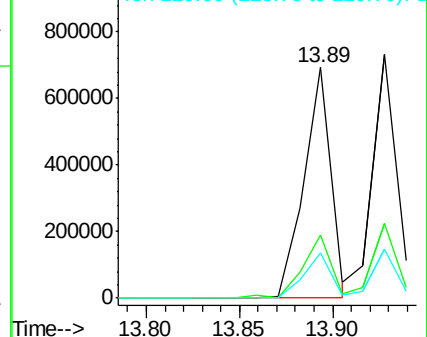
229 19.7 16.2 24.4

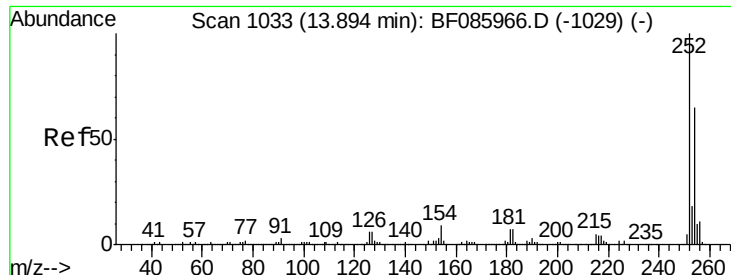


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

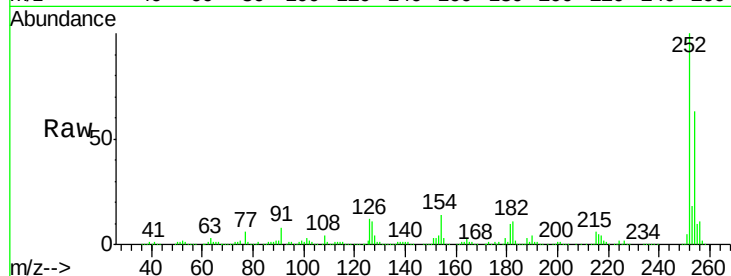




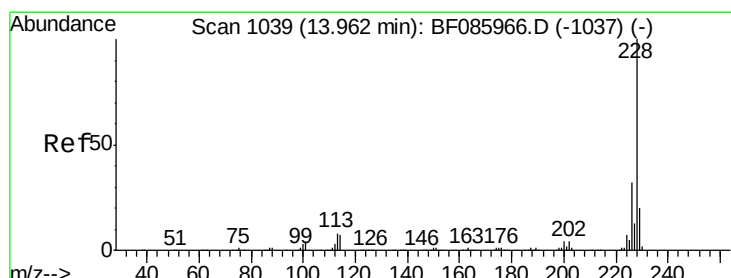
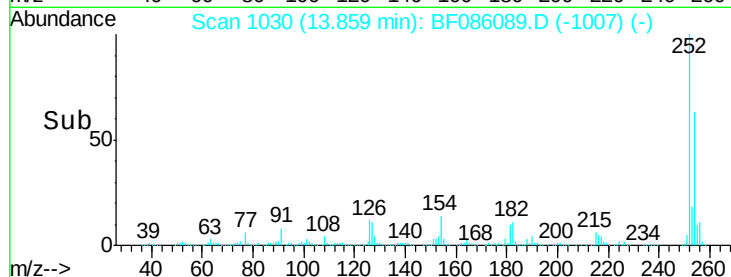
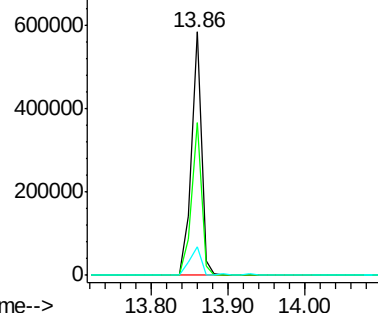
#81
 3,3'-Dichlorobenzidine
 Concen: 39.90 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 528114
 Ion Ratio Lower Upper
 252 100
 254 62.7 50.7 76.1
 126 12.0 11.8 17.6

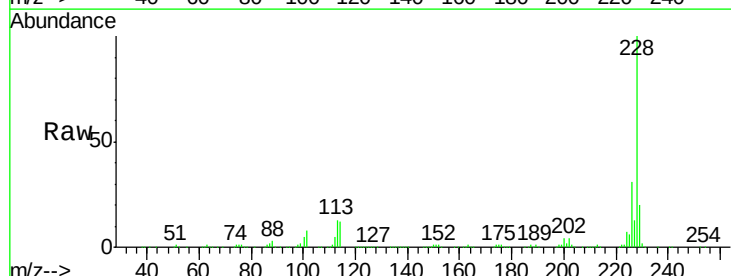


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

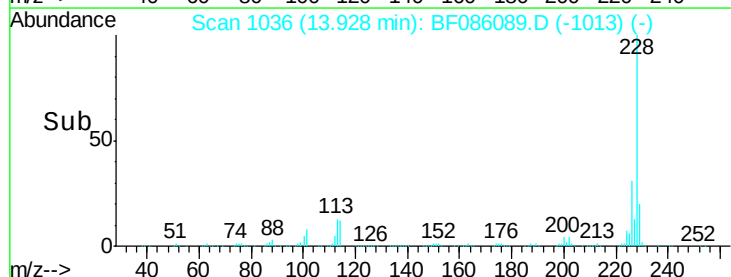
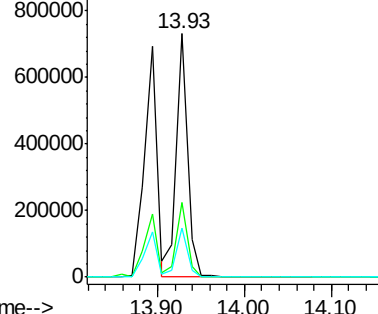


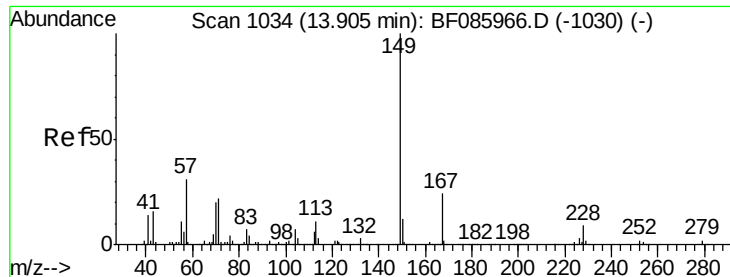
#82
 Chrysene
 Concen: 37.62 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion: 228 Resp: 656669
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.1 15.7 23.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.98 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

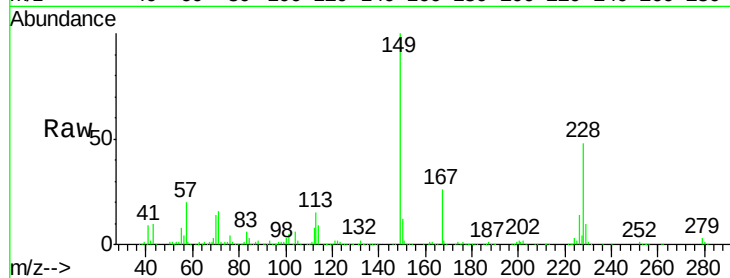
Tgt Ion:149 Resp: 504645

Ion Ratio Lower Upper

149 100

167 26.2 19.4 29.2

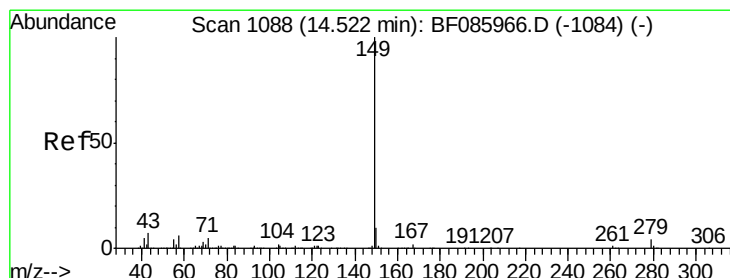
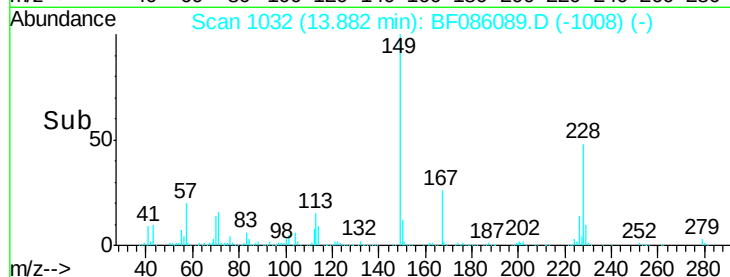
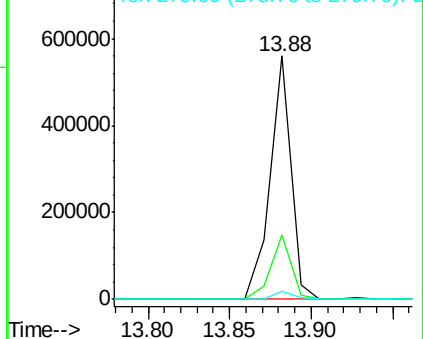
279 3.4 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.28 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

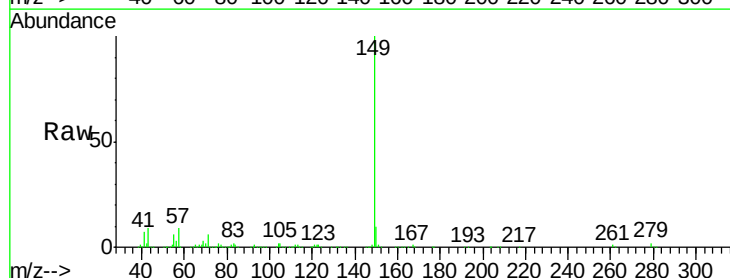
Tgt Ion:149 Resp: 791373

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

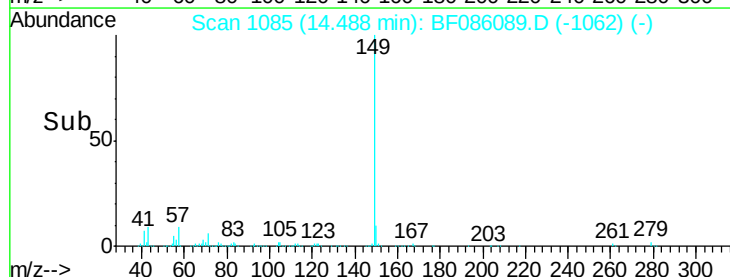
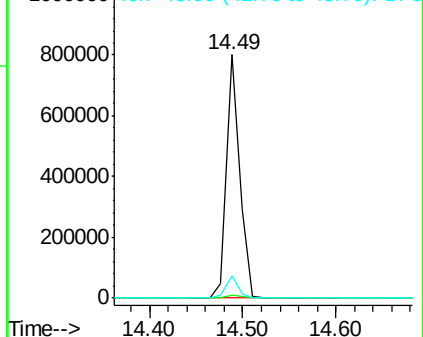
43 8.4 7.1 10.7

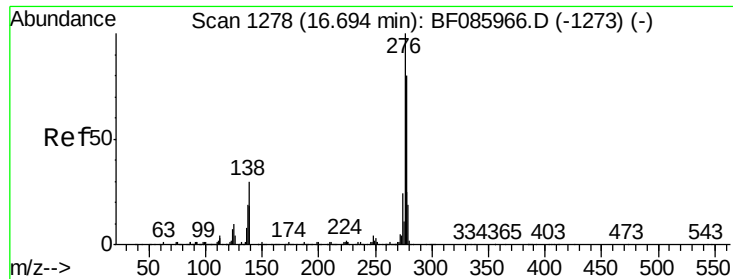


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

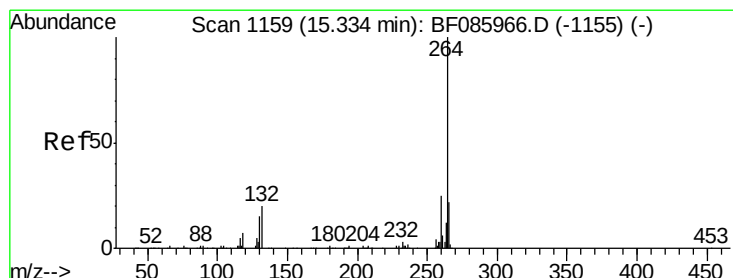
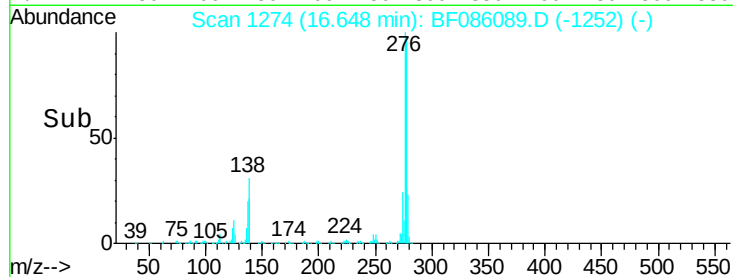
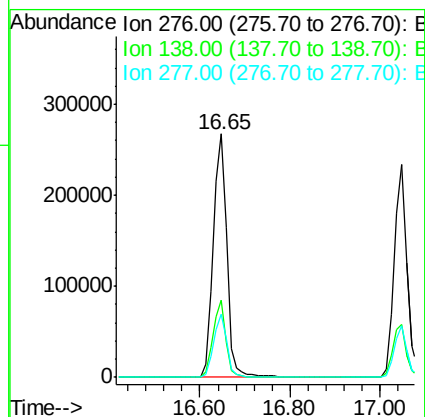
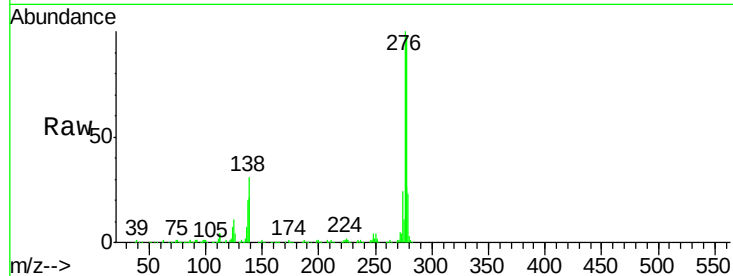




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.07 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

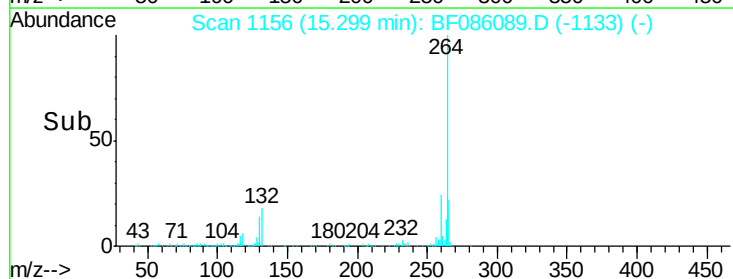
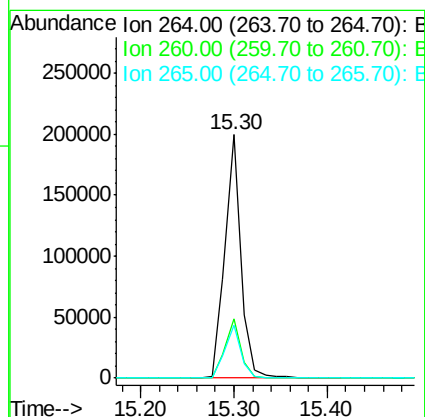
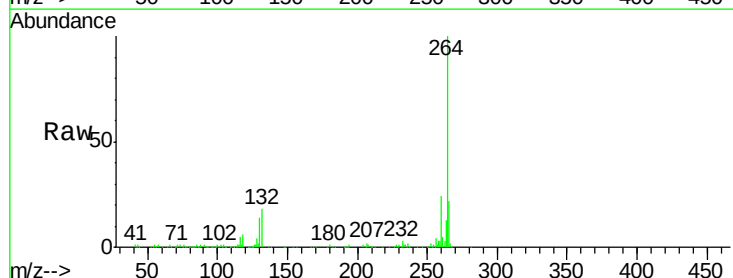
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

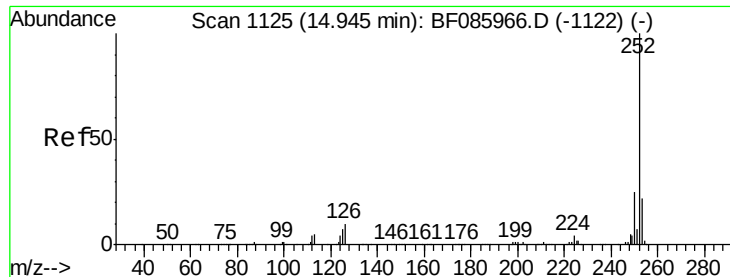
Tgt Ion: 276 Resp: 567466
 Ion Ratio Lower Upper
 276 100
 138 29.7 24.2 36.4
 277 25.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF086089.D
 Acq: 6 Apr 2016 10:52

Tgt Ion: 264 Resp: 239341
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 76.54 ng

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

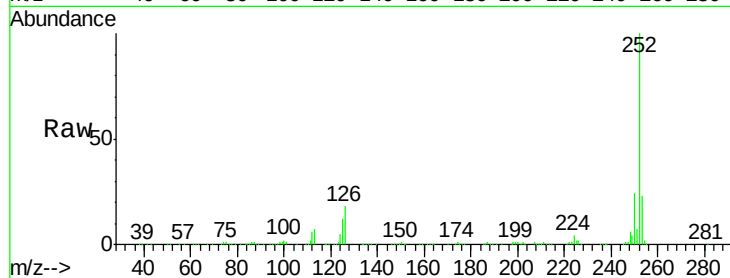
Tgt Ion:252 Resp: 1152448

Ion Ratio Lower Upper

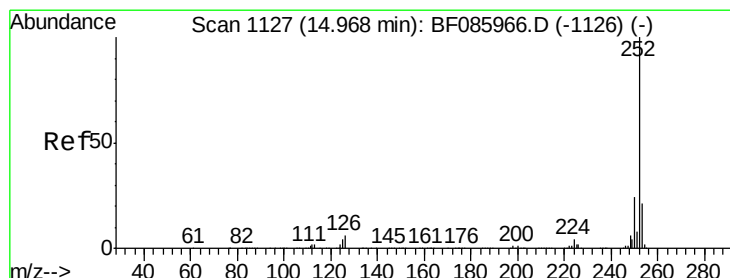
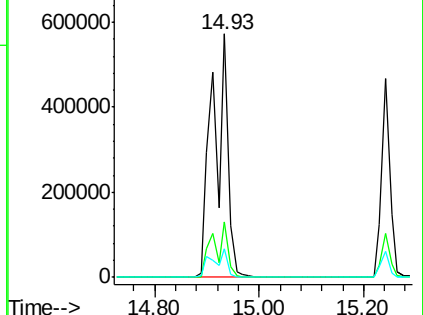
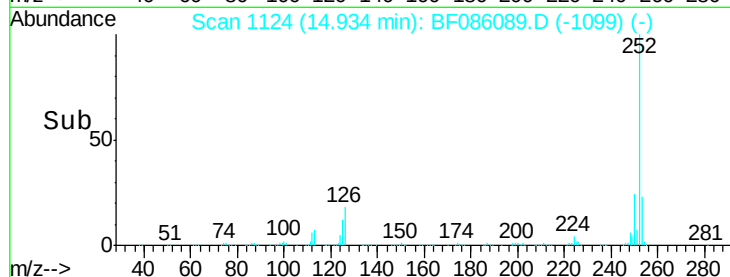
252 100

253 22.5 17.6 26.4

125 11.8 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.49 ng

RT: 14.93 min Scan# 1124

Delta R.T. -0.03 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

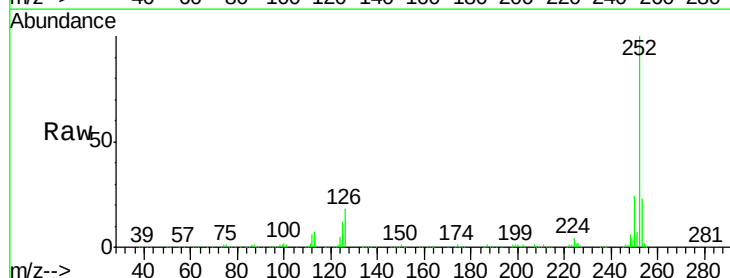
Tgt Ion:252 Resp: 1153198

Ion Ratio Lower Upper

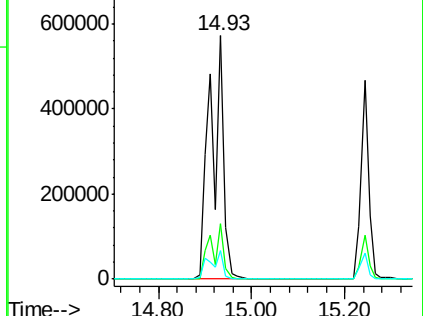
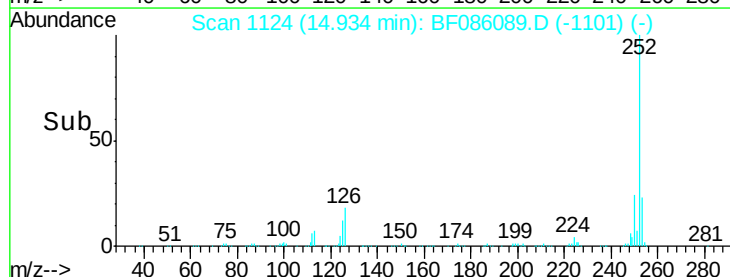
252 100

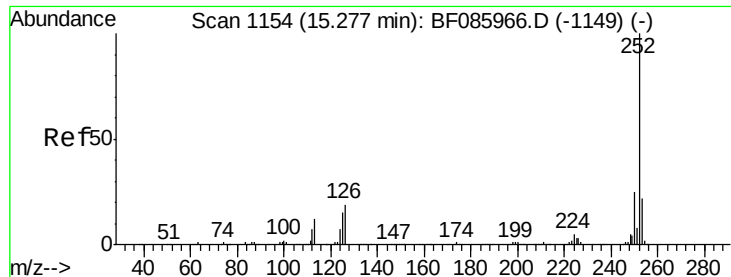
253 22.5 17.8 26.6

125 11.8 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

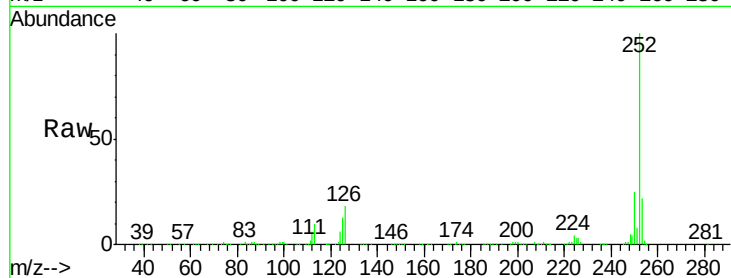




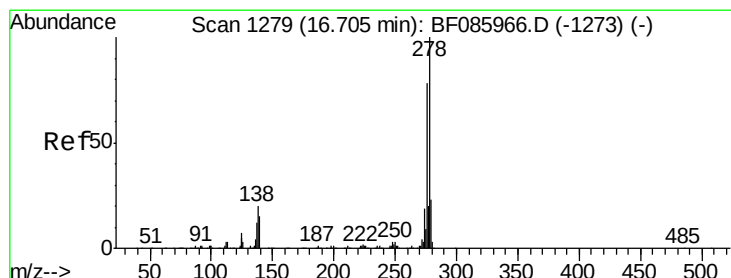
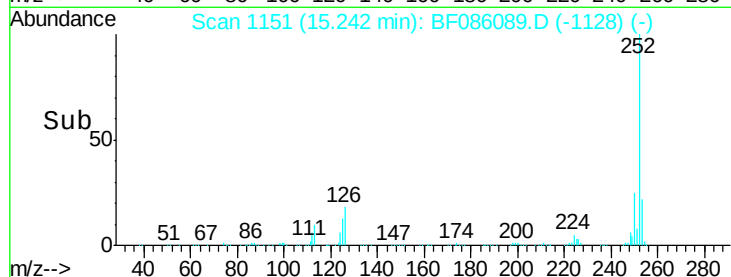
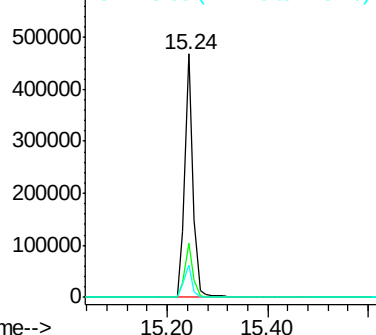
#89
Benzo(a)pyrene
Concen: 39.88 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 531937
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 13.2 10.3 15.5

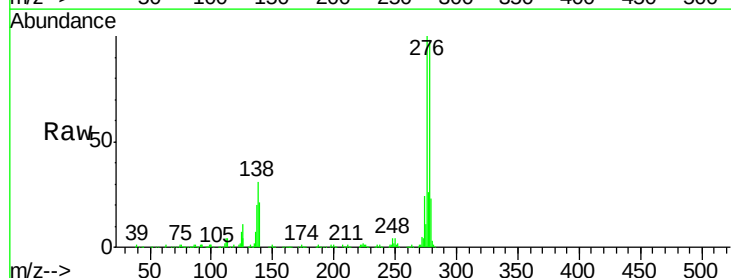


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

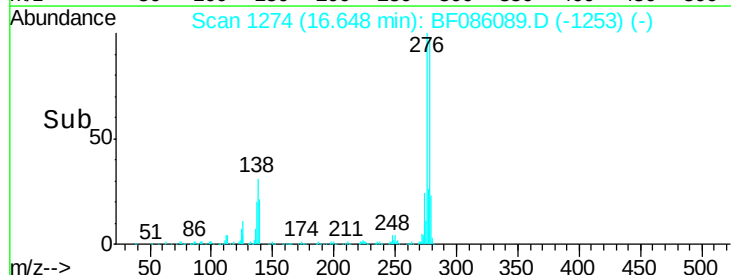
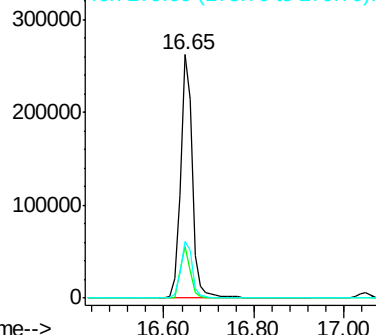


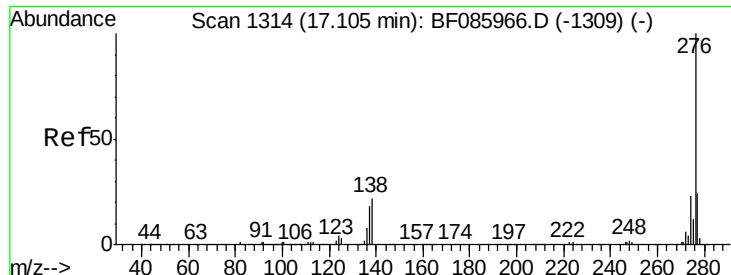
#90
Dibenzo(a,h)anthracene
Concen: 44.45 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF086089.D
Acq: 6 Apr 2016 10:52

Tgt Ion: 278 Resp: 477124
Ion Ratio Lower Upper
278 100
139 21.2 14.4 21.6
279 23.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.61 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.06 min

Lab File: BF086089.D

Acq: 6 Apr 2016 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

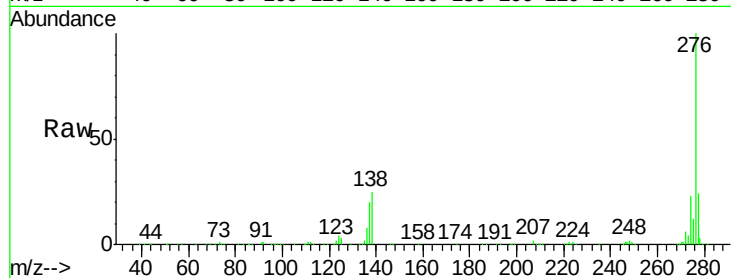
Tgt Ion: 276 Resp: 473736

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 24.5 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

