

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086387.D
 Acq On : 23 Apr 2016 13:08
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 25 00:50:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174451	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	739598	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	349039	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	660370	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	451694	20.00	ng	0.00
86) Perylene-d12	15.40	264	416483	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	797309	78.93	ng	0.00
7) Phenol-d6	6.48	99	1021744	74.40	ng	0.00
23) Nitrobenzene-d5	7.41	82	1008253	80.76	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	261548	82.78	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1617847	79.10	ng	0.00
78) Terphenyl-d14	12.95	244	1584051	87.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	198232	35.49	ng	99
3) Pyridine	3.14	79	503458	37.82	ng	94
4) n-Nitrosodimethylamine	3.07	42	187446	37.12	ng	95
6) Aniline	6.50	93	658373	39.28	ng	97
8) 2-Chlorophenol	6.62	128	469433	38.06	ng	98
9) Benzaldehyde	6.38	77	300231	35.99	ng	96
10) Phenol	6.49	94	610727	37.66	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	493245	34.94	ng	97
12) 1,3-Dichlorobenzene	6.78	146	515459	39.19	ng	98
13) 1,4-Dichlorobenzene	6.86	146	531373	36.78	ng	98
14) 1,2-Dichlorobenzene	7.01	146	490912	37.40	ng	98
15) Benzyl Alcohol	6.99	79	317061	38.90	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	659745	35.65	ng	99
17) 2-Methylphenol	7.10	107	385449	38.14	ng	99
18) Hexachloroethane	7.36	117	185346	38.09	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	310233	37.80	ng	98
20) 3+4-Methylphenols	7.25	107	406420	37.94	ng	97
22) Acetophenone	7.25	105	581590	37.48	ng	99
24) Nitrobenzene	7.42	77	518966	38.75	ng	98
25) Isophorone	7.66	82	862078	35.23	ng	99
26) 2-Nitrophenol	7.74	139	274698	41.52	ng	96
27) 2,4-Dimethylphenol	7.79	122	421378	37.19	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	531511	38.91	ng	99
29) 2,4-Dichlorophenol	7.98	162	405197	43.26	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	406789	39.99	ng	94
31) Naphthalene	8.14	128	1412474	37.49	ng	99
32) Benzoic acid	7.90	122	259490	35.82	ng	98
33) 4-Chloroaniline	8.20	127	606654	41.34	ng	98
34) Hexachlorobutadiene	8.27	225	204598	40.27	ng	100
35) Caprolactam	8.58	113	139937	41.64	ng	# 79
36) 4-Chloro-3-methylphenol	8.68	107	437274	39.28	ng	99
37) 2-Methylnaphthalene	8.84	142	894333	41.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	359335	39.79	ng	100
40) Hexachlorocyclopentadiene	8.99	237	165872	37.61	ng	98

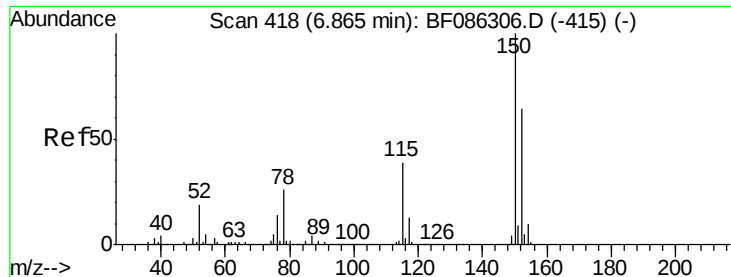
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	255592	43.17	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	281585	38.62	ng	96
45) 1,1'-Biphenyl	9.30	154	1038938	38.37	ng	96
46) 2-Chloronaphthalene	9.33	162	847033	39.52	ng	96
47) 2-Nitroaniline	9.42	65	279733	41.92	ng	97
48) Acenaphthylene	9.74	152	1367028	39.34	ng	100
49) Dimethylphthalate	9.61	163	990774	39.29	ng	100
50) 2,6-Dinitrotoluene	9.66	165	223578	41.05	ng	96
51) Acenaphthene	9.92	154	838472	39.28	ng	98
52) 3-Nitroaniline	9.84	138	281149	41.23	ng	96
53) 2,4-Dinitrophenol	9.94	184	64749	22.87	ng	93
54) Dibenzofuran	10.09	168	1101313	40.17	ng	97
55) 4-Nitrophenol	10.00	139	180323	37.79	ng	99
56) 2,4-Dinitrotoluene	10.06	165	280815	38.83	ng	92
57) Fluorene	10.43	166	866687	38.58	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	220436	41.37	ng	95
59) Diethylphthalate	10.30	149	969475	40.15	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	376016	38.27	ng	95
61) 4-Nitroaniline	10.45	138	283236	40.58	ng	98
62) Azobenzene	10.58	77	970072	38.74	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	126948	31.46	ng	86
65) n-Nitrosodiphenylamine	10.54	169	768287	37.73	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	252794	39.09	ng	# 89
67) Hexachlorobenzene	10.97	284	253848	36.79	ng	# 66
68) Atrazine	11.07	200	256074	40.73	ng	99
69) Pentachlorophenol	11.16	266	152381	37.61	ng	98
70) Phenanthrene	11.38	178	1230270	37.08	ng	100
71) Anthracene	11.44	178	1407195	37.01	ng	100
72) Carbazole	11.60	167	1364640	38.22	ng	99
73) Di-n-butylphthalate	11.93	149	1489396	39.65	ng	100
74) Fluoranthene	12.57	202	1355204	37.87	ng	97
76) Benzidine	12.69	184	779202	42.07	ng	99
77) Pyrene	12.80	202	1370880	43.52	ng	99
79) Butylbenzylphthalate	13.41	149	617173	42.05	ng	# 80
80) Benzo(a)anthracene	13.99	228	911158	38.86	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	663276	41.01	ng	# 98
82) Chrysene	14.02	228	1150426	43.55	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	684779	41.67	ng	# 96
84) Di-n-octyl phthalate	14.59	149	1300925	41.24	ng	98
85) Indeno(1,2,3-cd)pyrene	16.79	276	951745	40.53	ng	99
87) Benzo(b)fluoranthene	15.00	252	877129	38.37	ng	# 96
88) Benzo(k)fluoranthene	15.00	252	877129	39.09	ng	99
89) Benzo(a)pyrene	15.35	252	882713	39.14	ng	# 96
90) Dibenzo(a,h)anthracene	16.80	278	792786	42.61	ng	100
91) Benzo(g,h,i)perylene	17.20	276	814880	42.43	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

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BNA_F

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SSTDCCC040

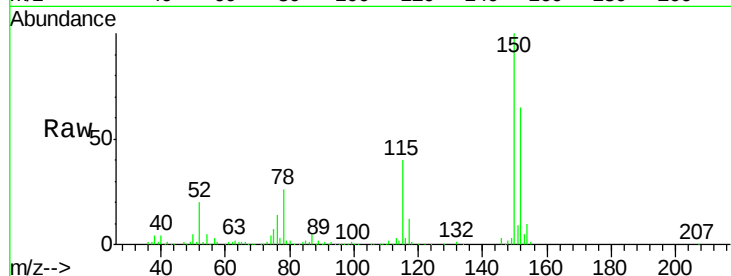
Tgt Ion:152 Resp: 174451

Ion Ratio Lower Upper

152 100

150 153.3 125.8 188.6

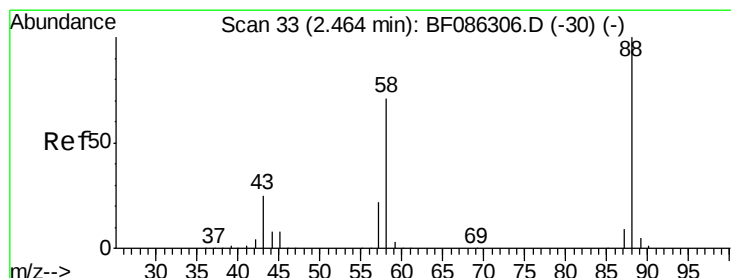
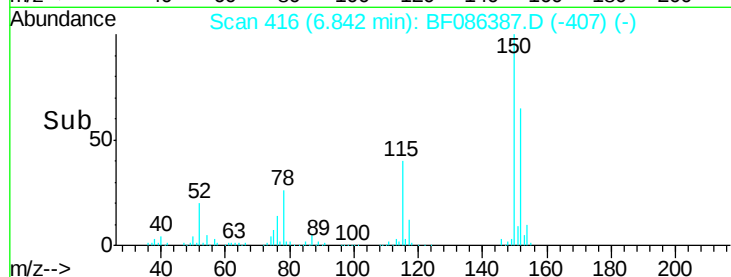
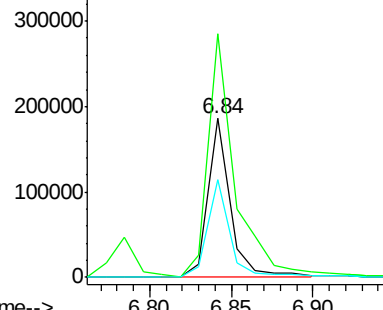
115 61.1 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.49 ng

RT: 2.41 min Scan# 28

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

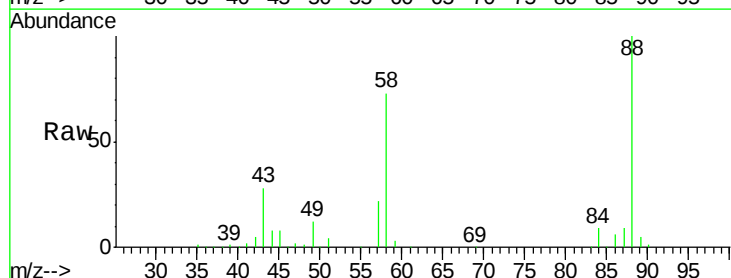
Tgt Ion: 88 Resp: 198232

Ion Ratio Lower Upper

88 100

58 73.9 59.6 89.4

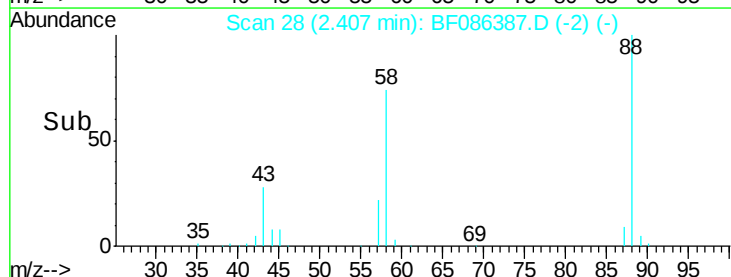
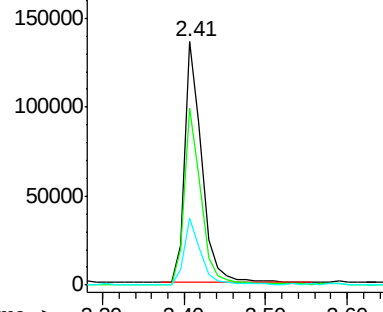
43 27.0 21.8 32.6

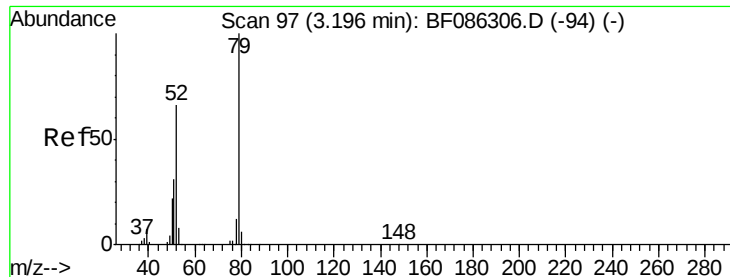


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.82 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.01 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

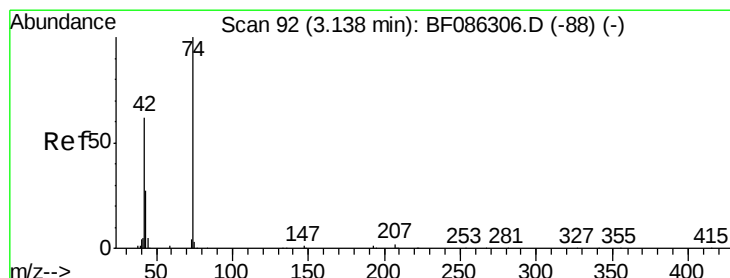
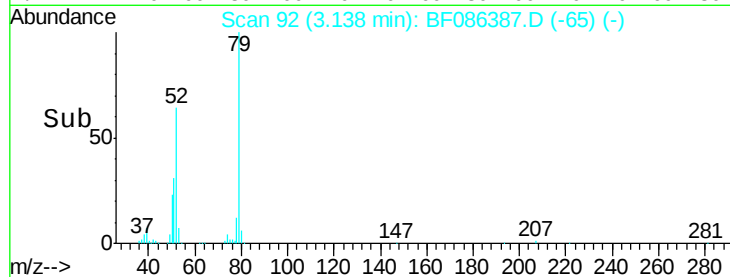
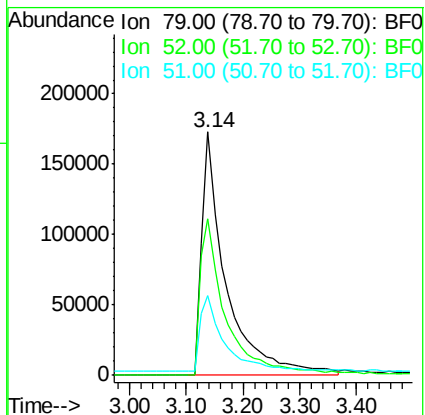
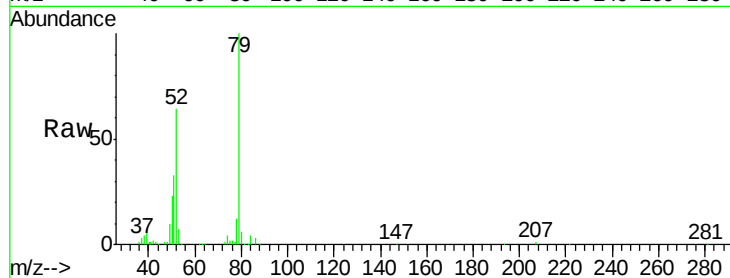
Tgt Ion: 79 Resp: 503458

Ion Ratio Lower Upper

79 100

52 64.1 55.9 83.9

51 33.0 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 37.12 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

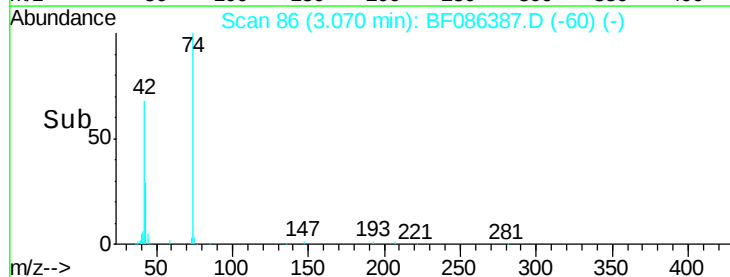
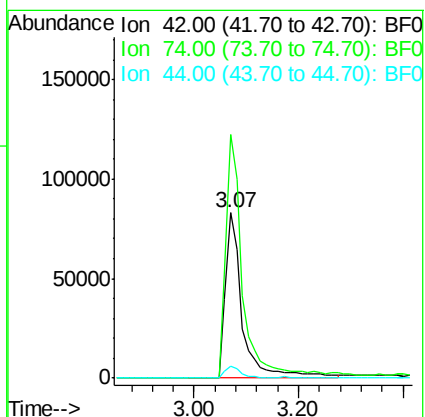
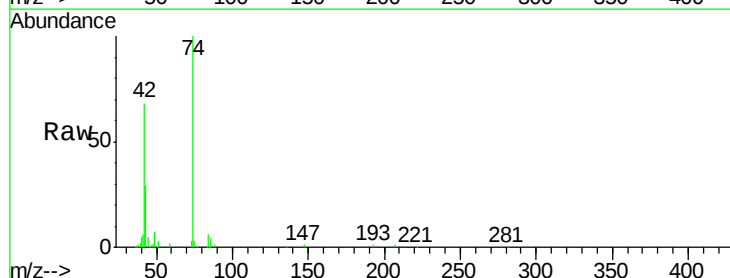
Tgt Ion: 42 Resp: 187446

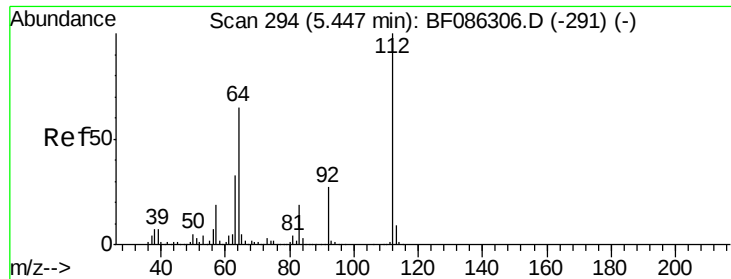
Ion Ratio Lower Upper

42 100

74 147.4 123.4 185.0

44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 78.93 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

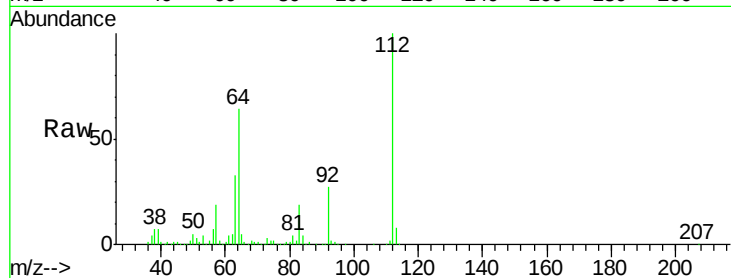
Tgt Ion: 112 Resp: 797309

Ion Ratio Lower Upper

112 100

64 64.5 52.1 78.1

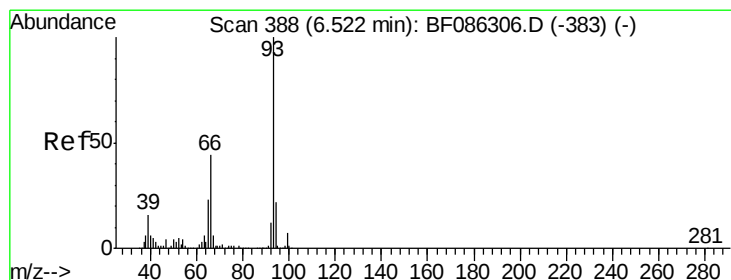
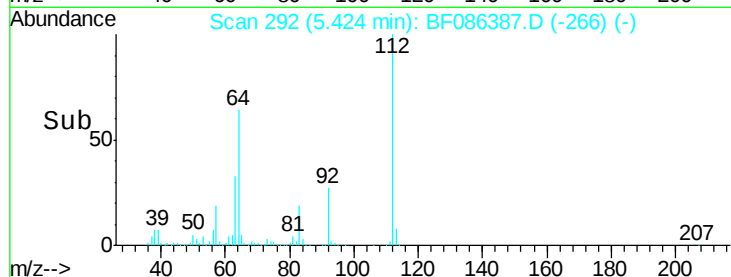
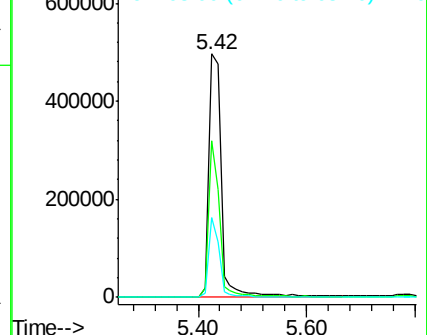
63 32.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.28 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

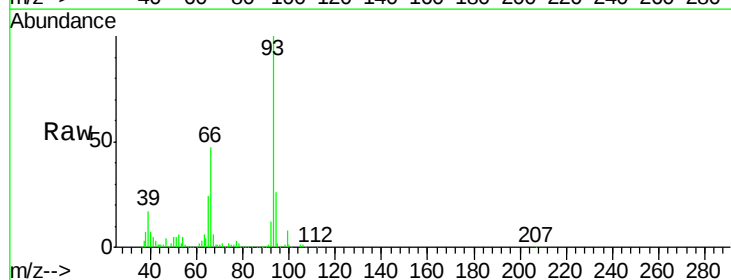
Tgt Ion: 93 Resp: 658373

Ion Ratio Lower Upper

93 100

66 46.6 39.0 58.6

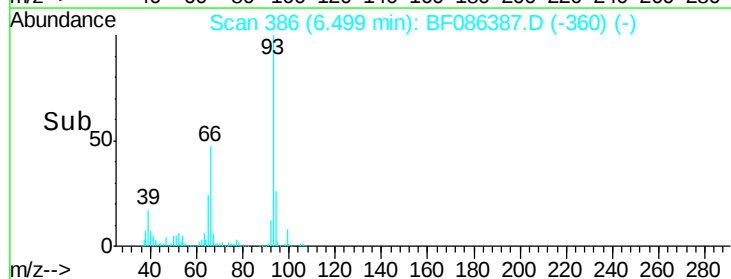
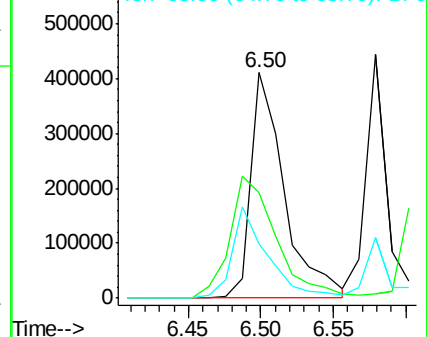
65 24.0 20.6 31.0

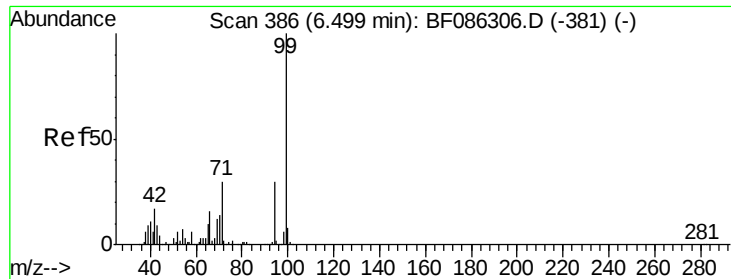


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.40 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

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SSTDCCC040

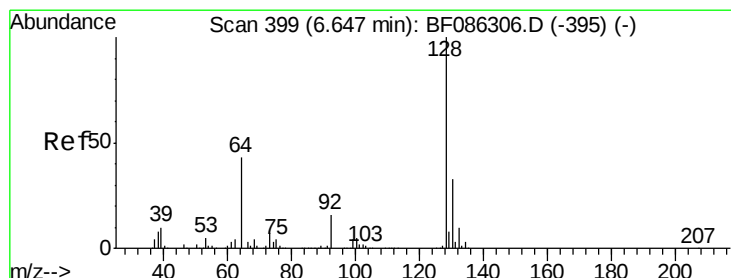
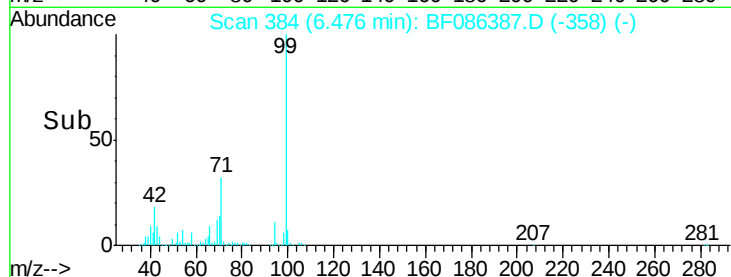
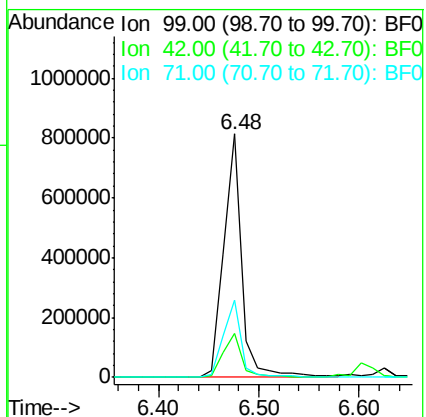
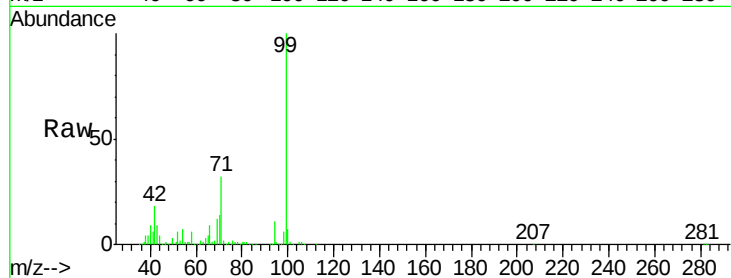
Tgt Ion: 99 Resp: 1021744

Ion Ratio Lower Upper

99 100

42 18.1 13.6 20.4

71 31.5 24.6 36.8



#8

2-Chlorophenol

Concen: 38.06 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

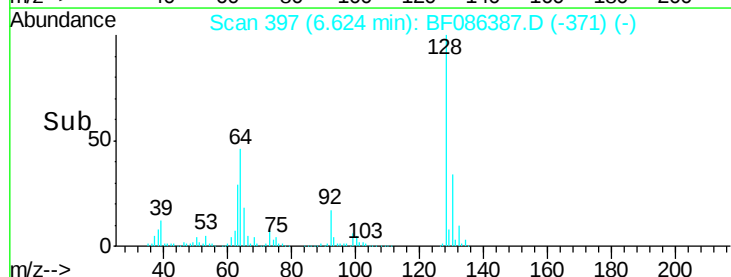
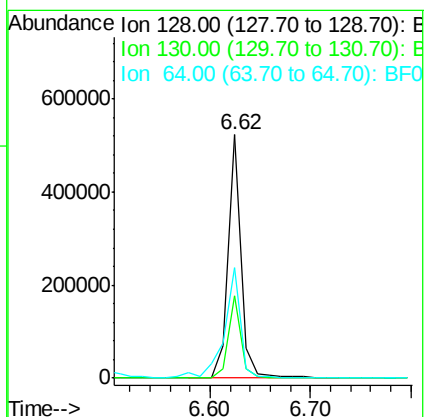
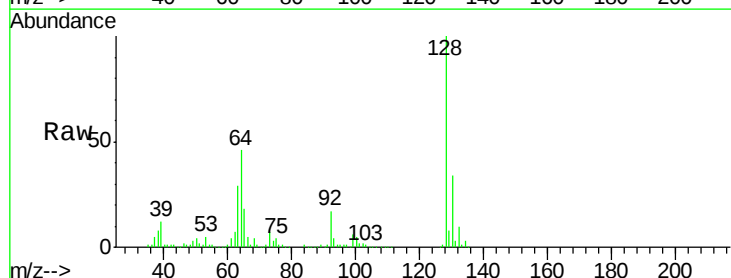
Tgt Ion: 128 Resp: 469433

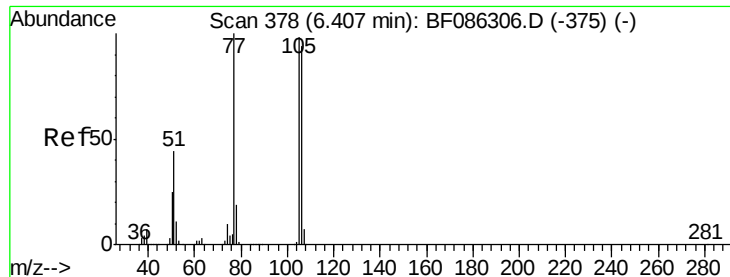
Ion Ratio Lower Upper

128 100

130 33.8 12.5 52.5

64 45.6 27.3 67.3





#9

Benzaldehyde

Concen: 35.99 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

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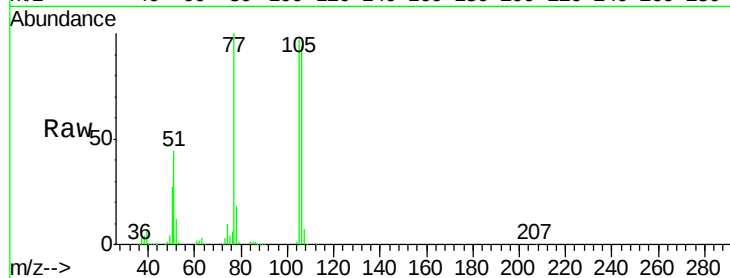
Tgt Ion: 77 Resp: 300231

Ion Ratio Lower Upper

77 100

105 97.4 72.7 112.7

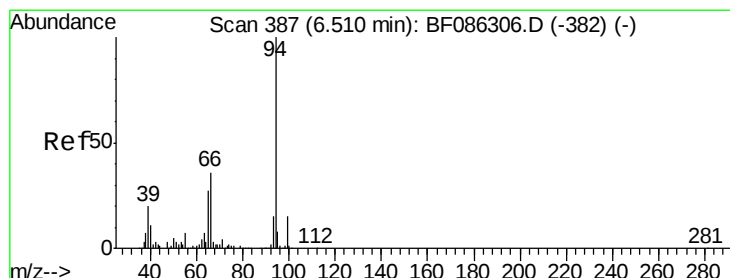
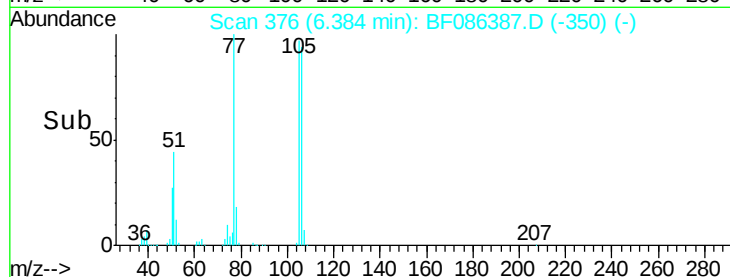
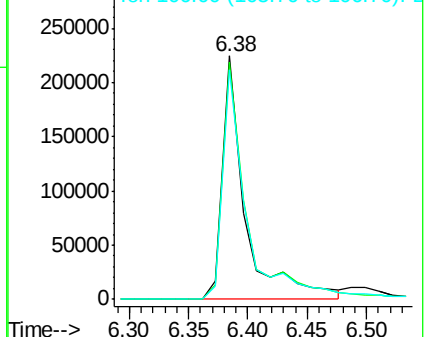
106 94.3 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.66 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

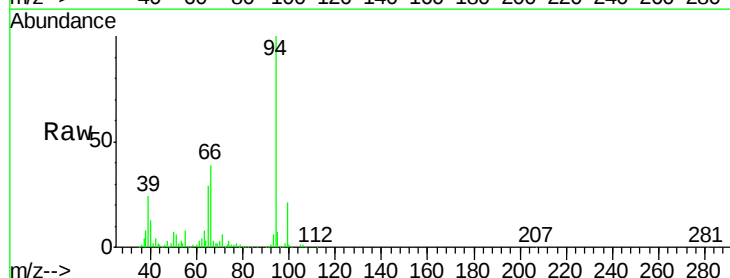
Tgt Ion: 94 Resp: 610727

Ion Ratio Lower Upper

94 100

65 28.7 7.2 47.2

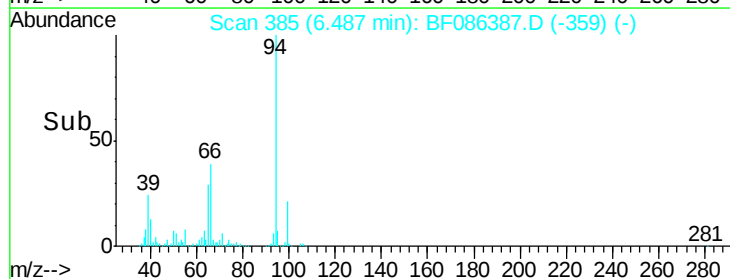
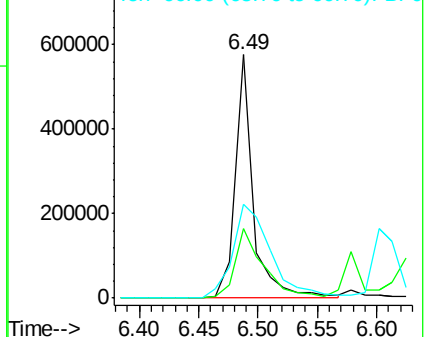
66 38.6 14.9 54.9

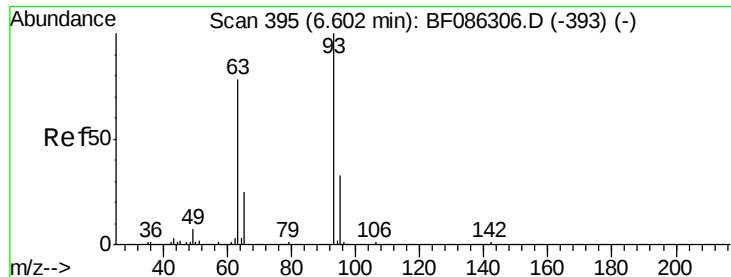


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

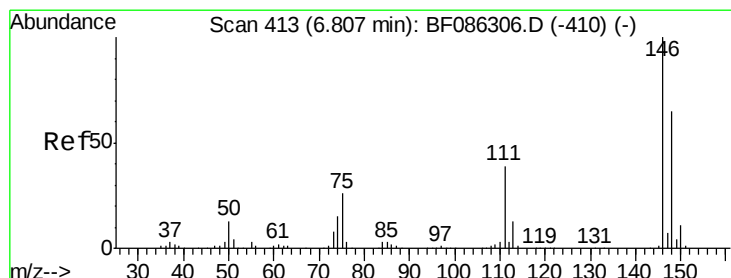
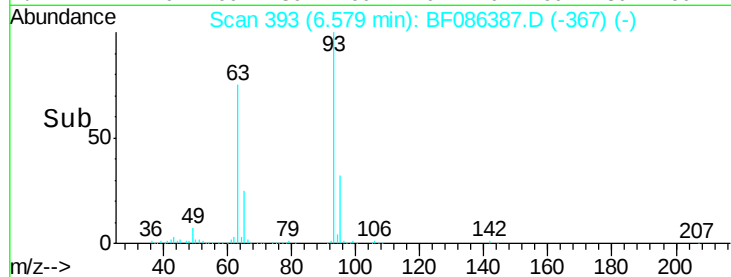
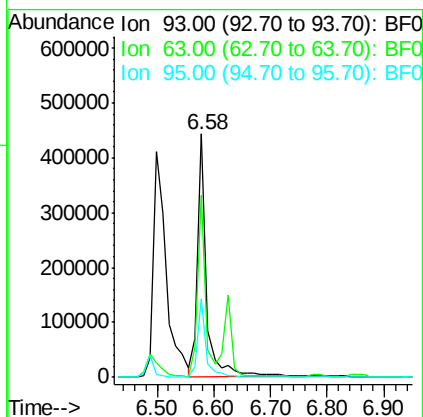
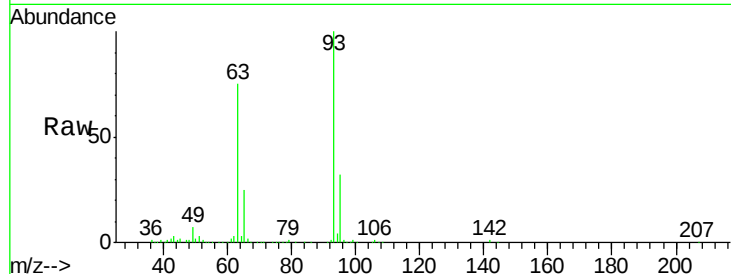




#11
 bis(2-Chloroethyl)ether
 Concen: 34.94 ng
 RT: 6.58 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

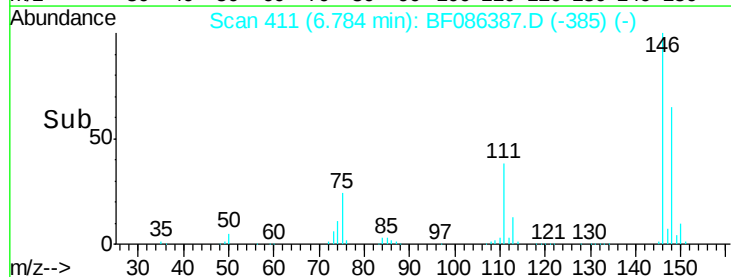
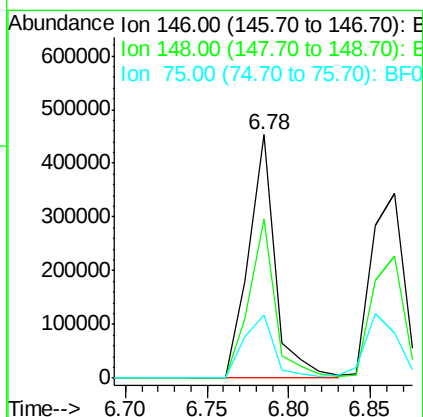
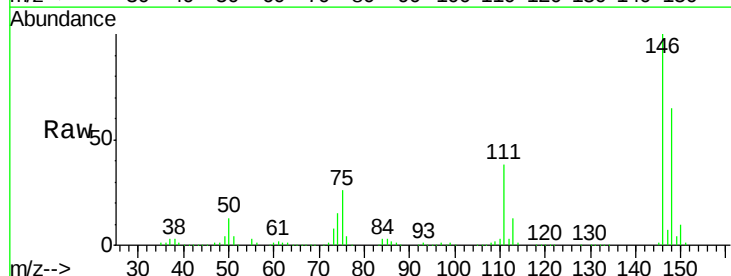
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

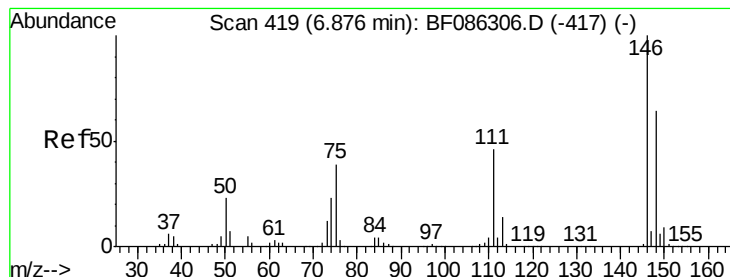
Tgt Ion: 93 Resp: 493245
 Ion Ratio Lower Upper
 93 100
 63 75.0 58.0 98.0
 95 32.2 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 39.19 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion: 146 Resp: 515459
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.4 78.6
 75 25.8 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 36.78 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

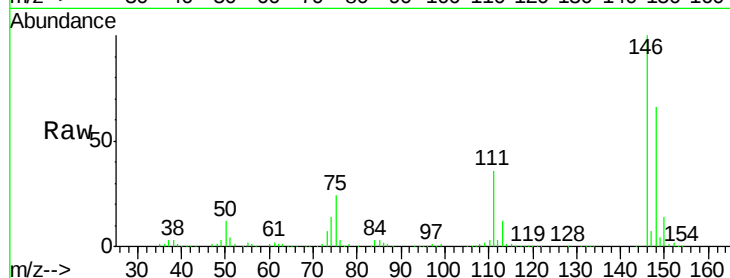
Tgt Ion:146 Resp: 531373

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

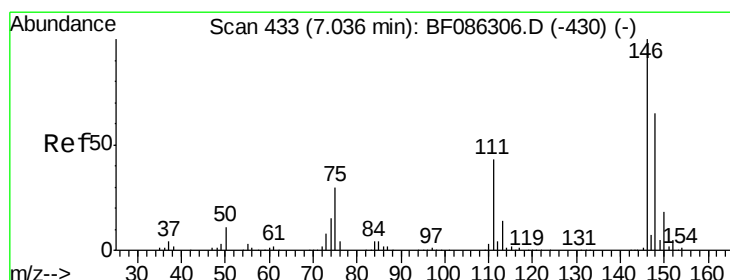
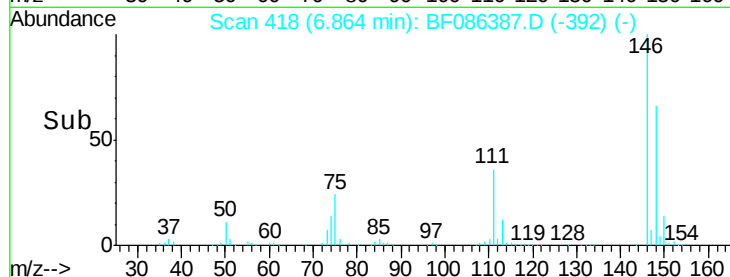
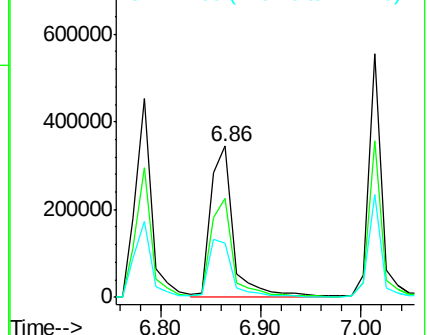
111 35.6 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.40 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

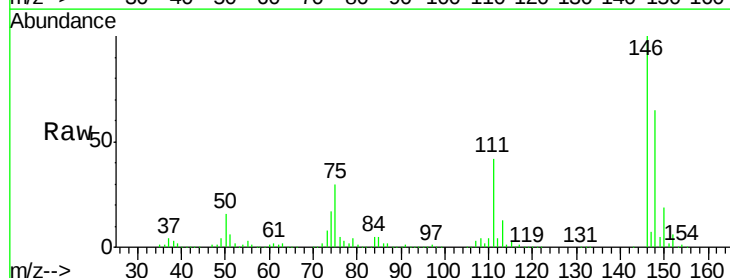
Tgt Ion:146 Resp: 490912

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

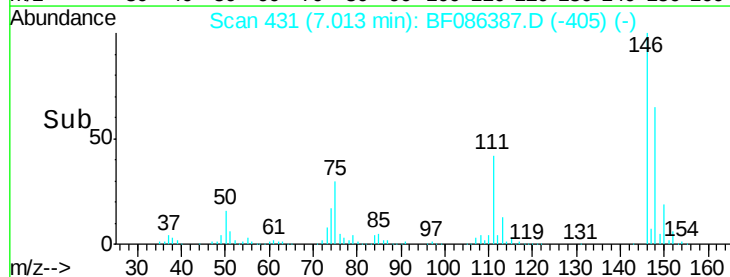
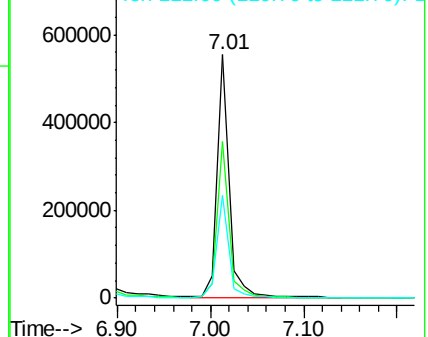
111 42.4 36.2 54.4

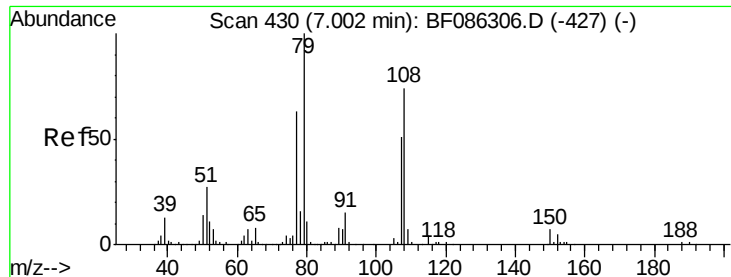


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.90 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

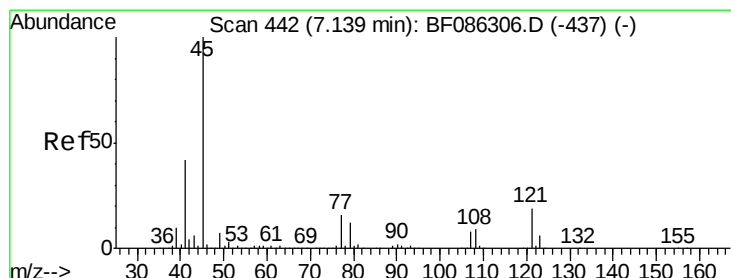
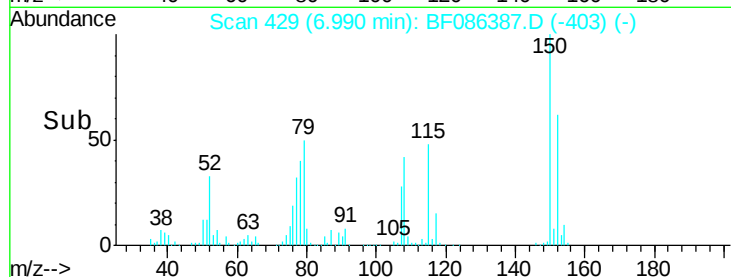
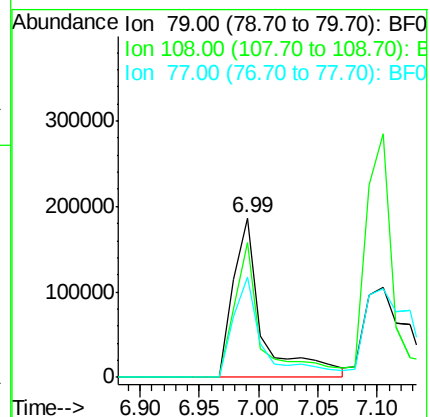
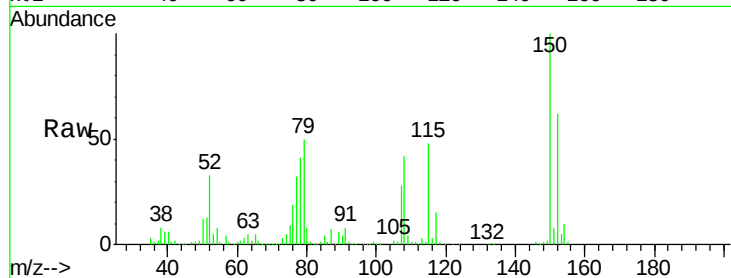
Tgt Ion: 79 Resp: 317061

Ion Ratio Lower Upper

79 100

108 84.3 68.4 102.6

77 63.2 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.65 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

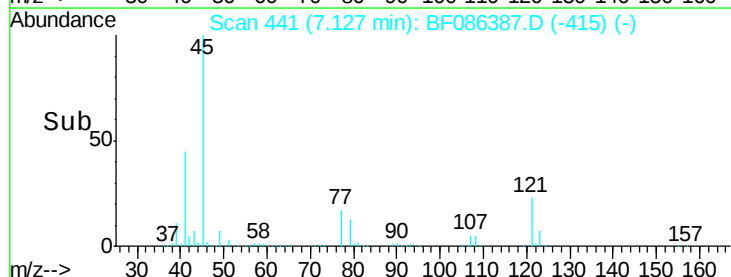
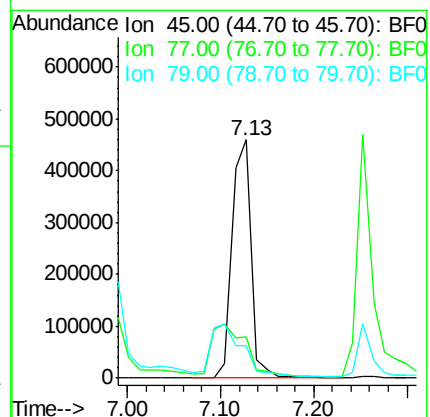
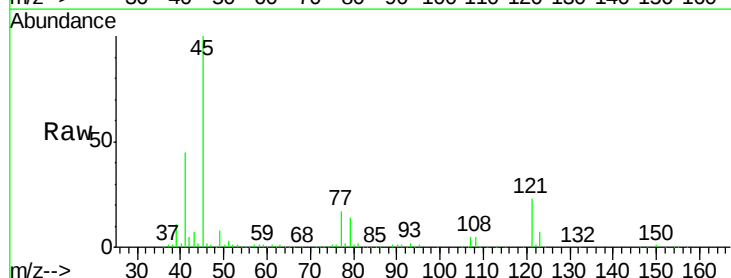
Tgt Ion: 45 Resp: 659745

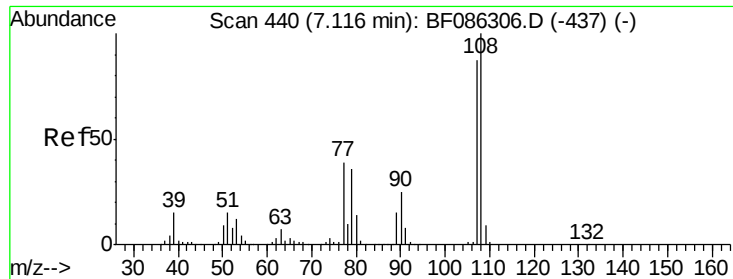
Ion Ratio Lower Upper

45 100

77 17.2 0.0 36.4

79 13.6 0.0 33.4

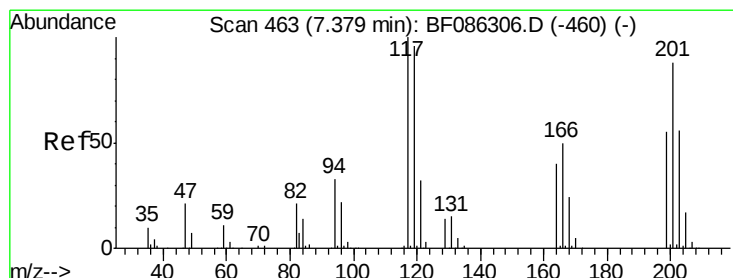
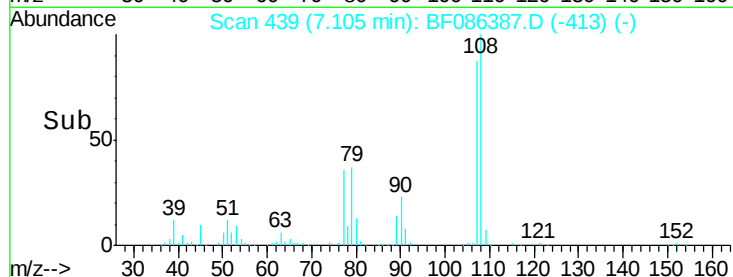
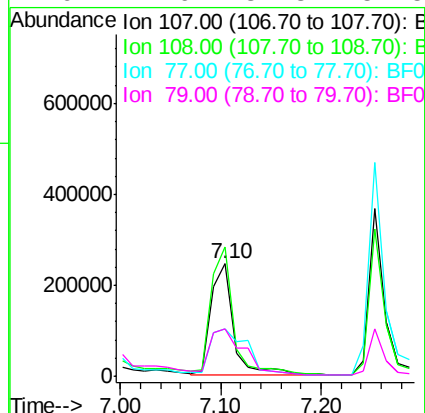
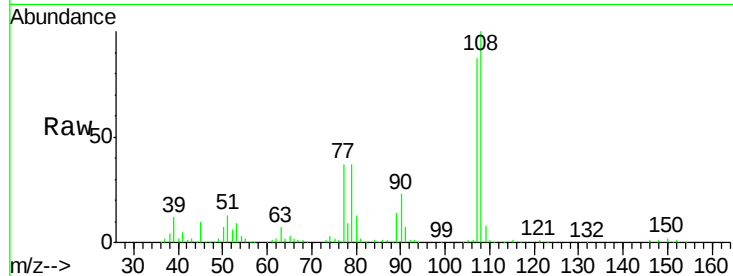




#17
2-Methylphenol
Concen: 38.14 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

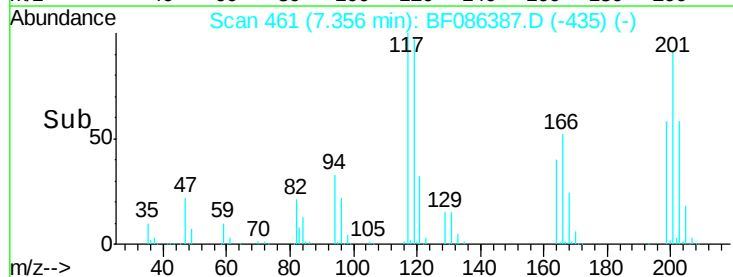
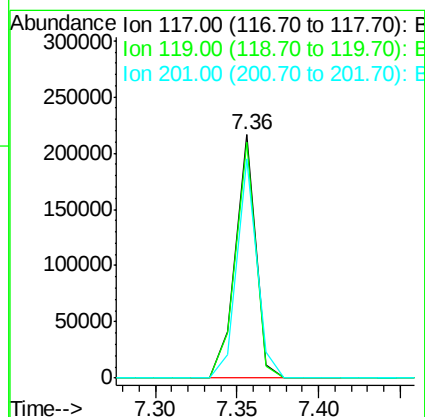
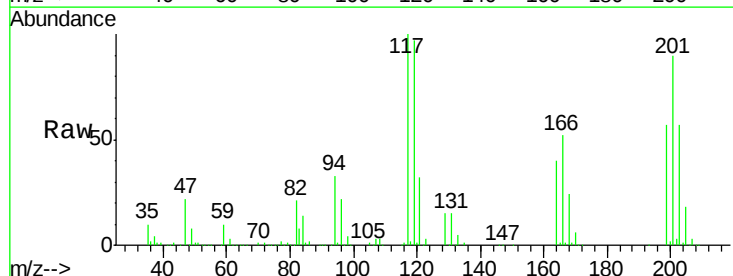
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

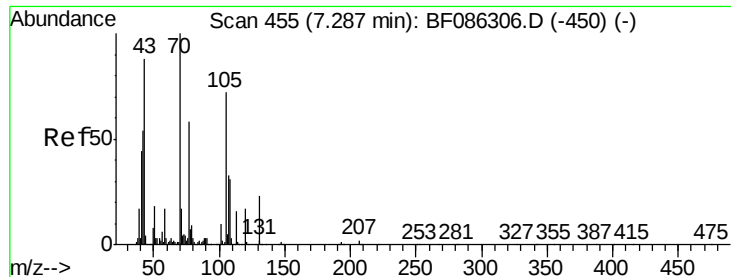
Tgt Ion:107 Resp: 385449
Ion Ratio Lower Upper
107 100
108 115.1 93.7 140.5
77 42.1 33.4 50.0
79 42.6 34.3 51.5



#18
Hexachloroethane
Concen: 38.09 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion:117 Resp: 185346
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7
201 90.0 63.0 94.6

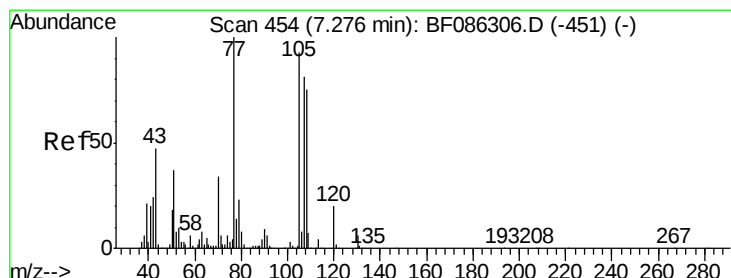
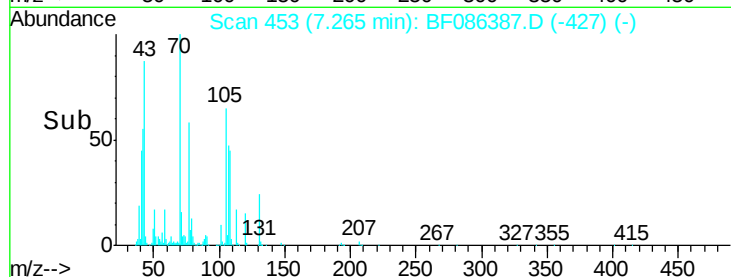
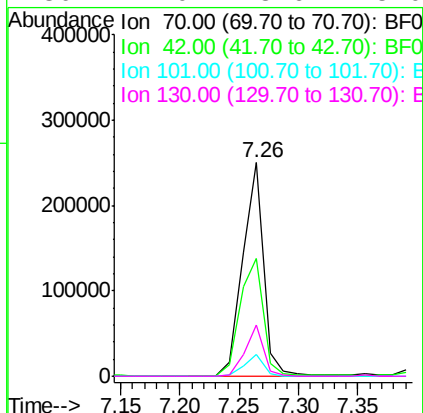
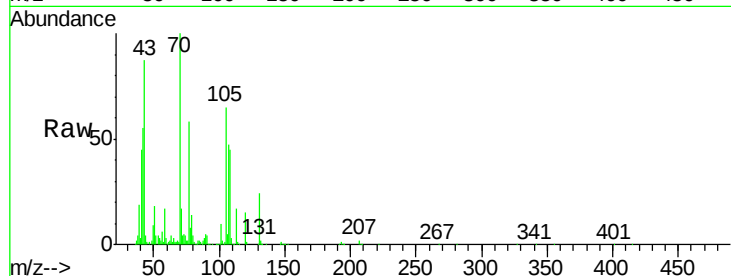




#19
n-Nitroso-di-n-propylamine
Concen: 37.80 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

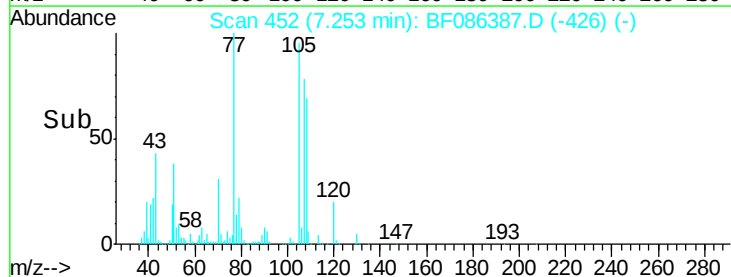
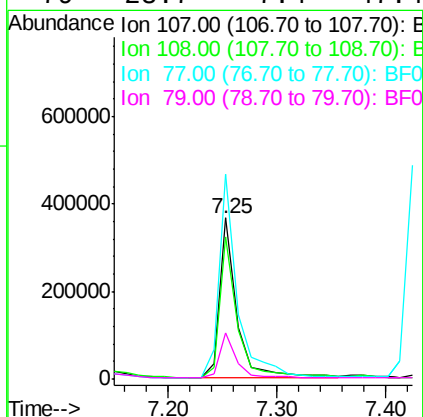
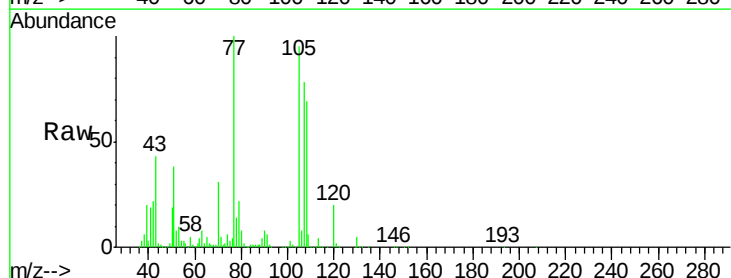
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

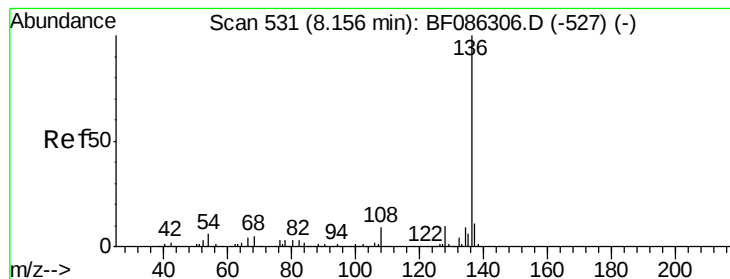
Tgt Ion:	70	Resp:	310233
Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.1	64.7
101	10.4	8.1	12.1
130	24.0	18.6	28.0



#20
3+4-Methylphenols
Concen: 37.94 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion:	107	Resp:	406420
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.5	108.5
77	127.8	101.6	141.6
79	28.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 739598

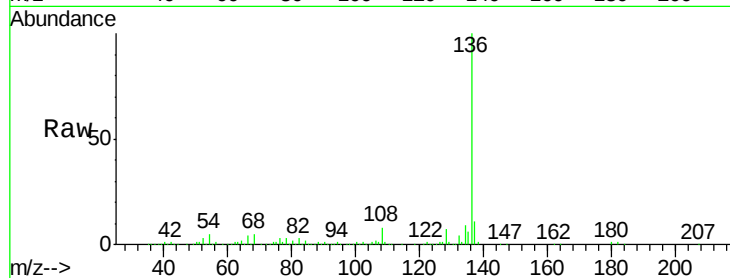
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 5.1 5.0 7.4

68 4.5 4.4 6.6

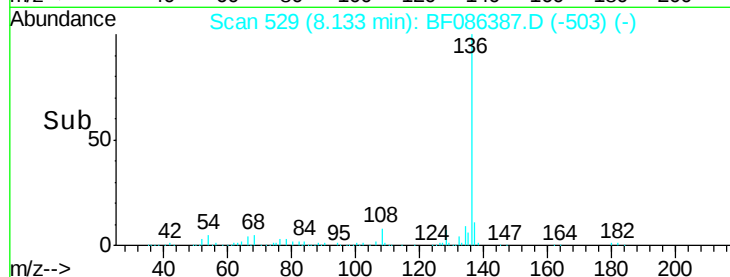


Abundance Ion 136.00 (135.70 to 136.70): E

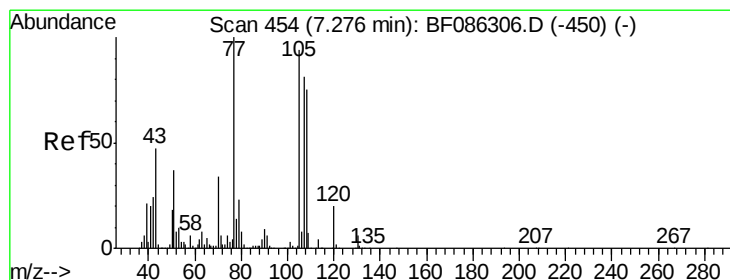
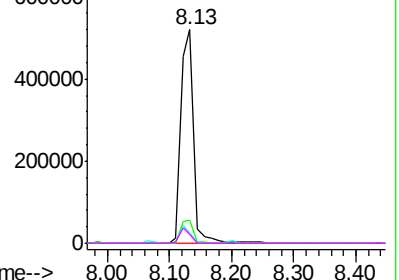
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.48 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Tgt Ion:105 Resp: 581590

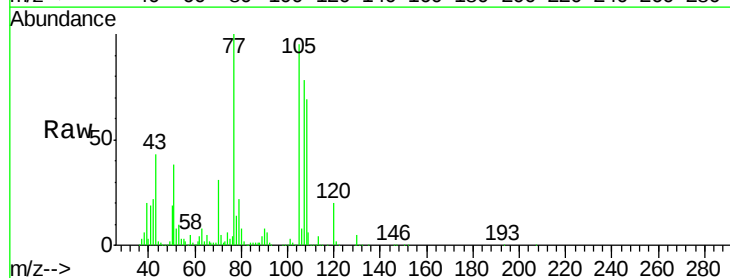
Ion Ratio Lower Upper

105 100

71 5.7 4.8 7.2

51 40.0 32.6 49.0

120 20.8 16.5 24.7

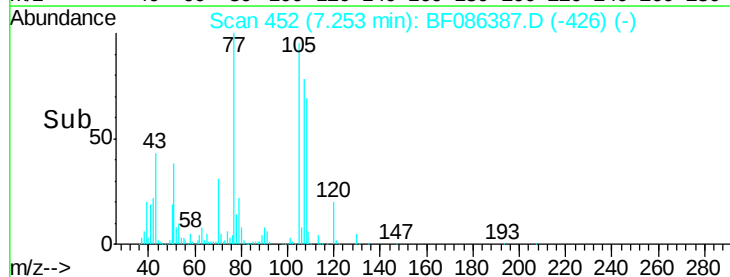


Abundance Ion 105.00 (104.70 to 105.70): E

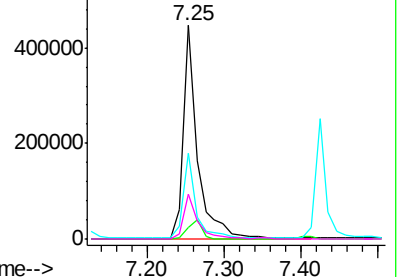
Ion 71.00 (70.70 to 71.70): BF0

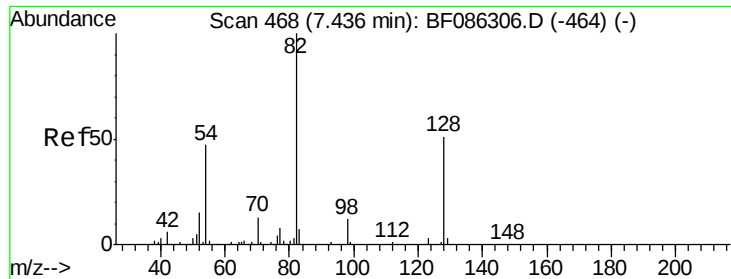
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 80.76 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

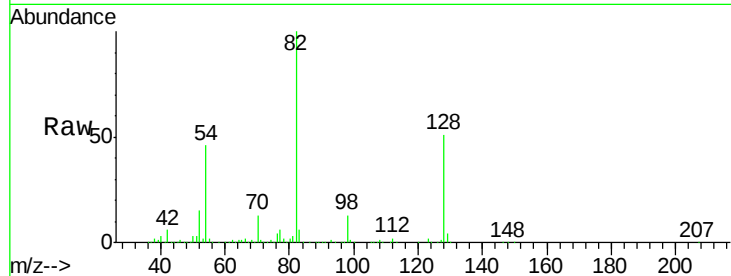
Tgt Ion: 82 Resp: 1008253

Ion Ratio Lower Upper

82 100

128 51.4 40.6 61.0

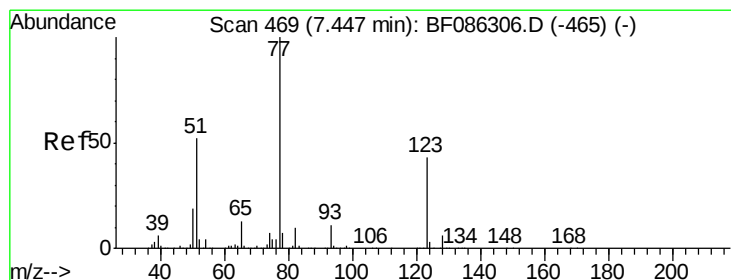
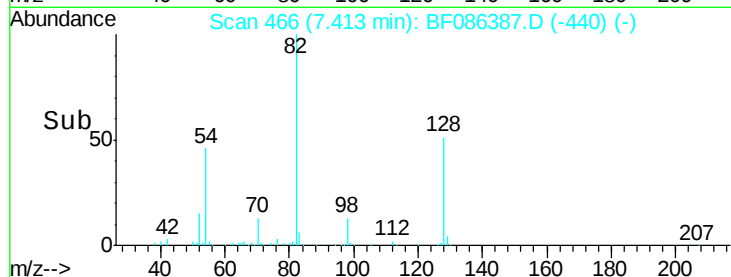
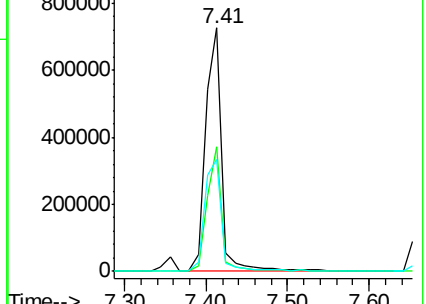
54 46.0 38.1 57.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.75 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

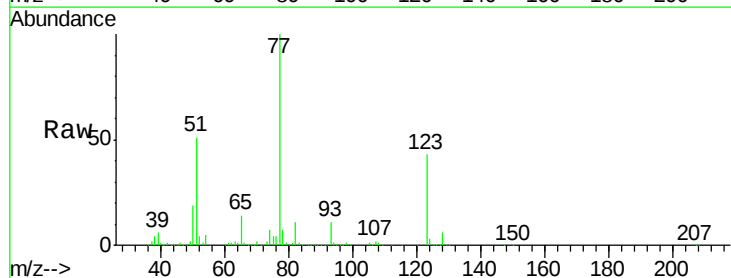
Tgt Ion: 77 Resp: 518966

Ion Ratio Lower Upper

77 100

123 42.9 33.0 49.4

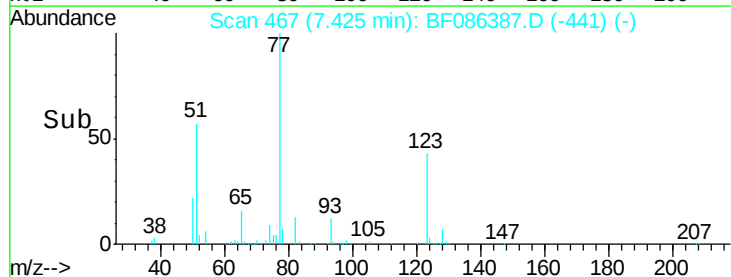
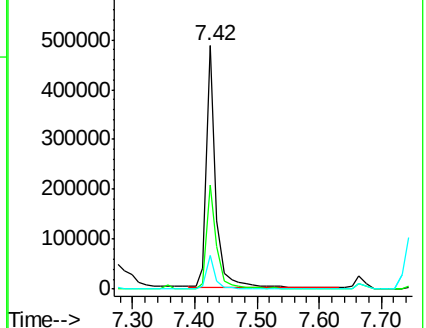
65 13.6 10.8 16.2

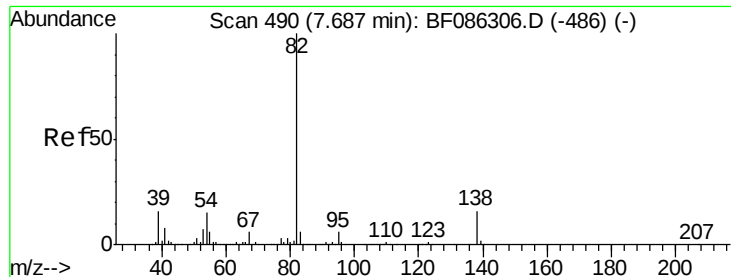


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.23 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

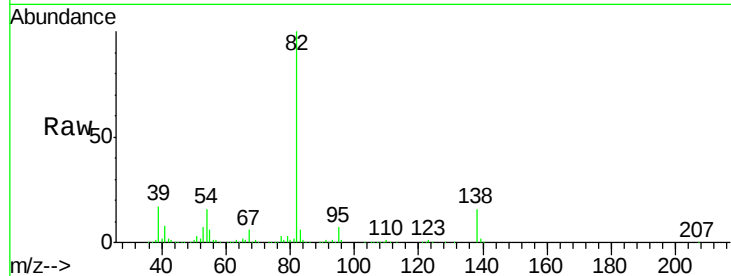
Tgt Ion: 82 Resp: 862078

Ion Ratio Lower Upper

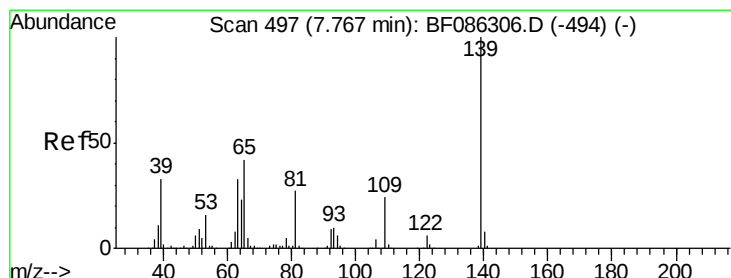
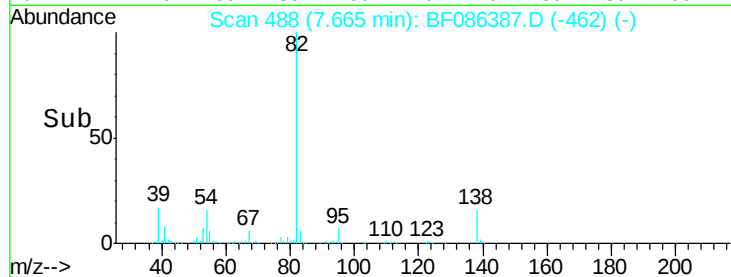
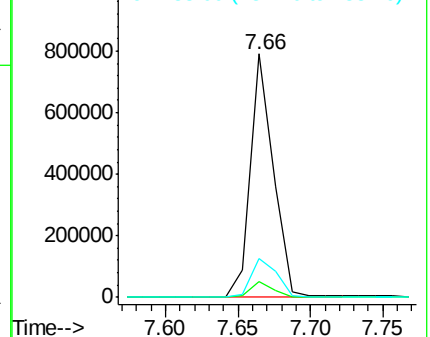
82 100

95 6.7 5.1 7.7

138 16.0 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.52 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

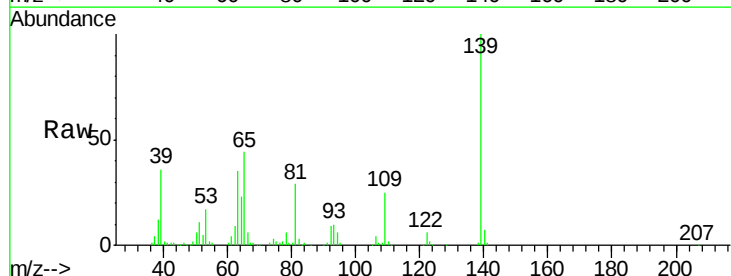
Tgt Ion: 139 Resp: 274698

Ion Ratio Lower Upper

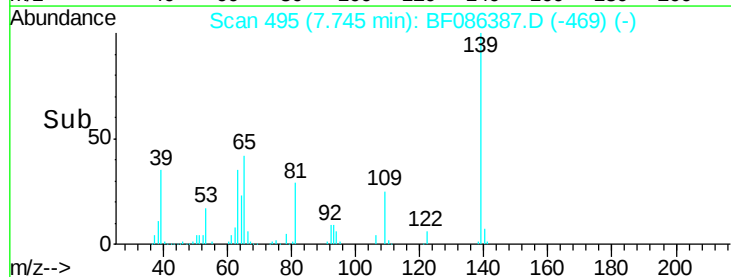
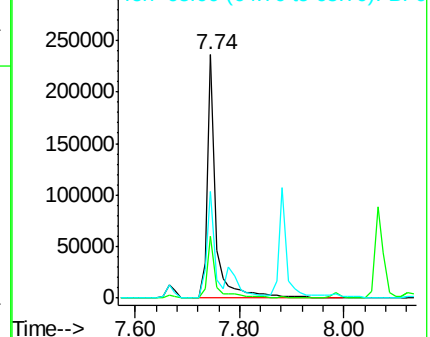
139 100

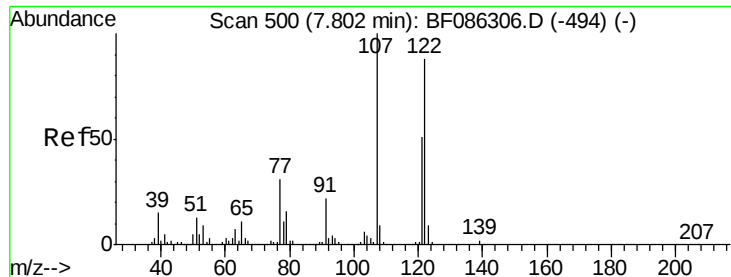
109 25.3 19.5 29.3

65 43.7 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 37.19 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

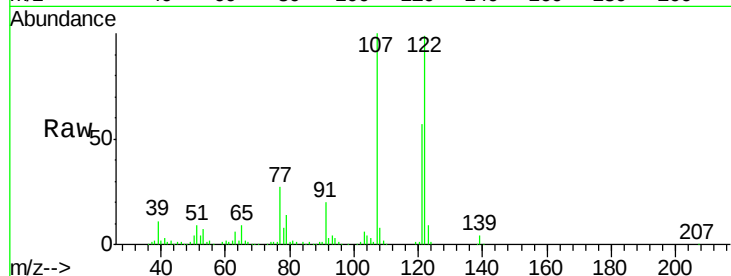
Tgt Ion:122 Resp: 421378

Ion Ratio Lower Upper

122 100

107 100.5 82.0 123.0

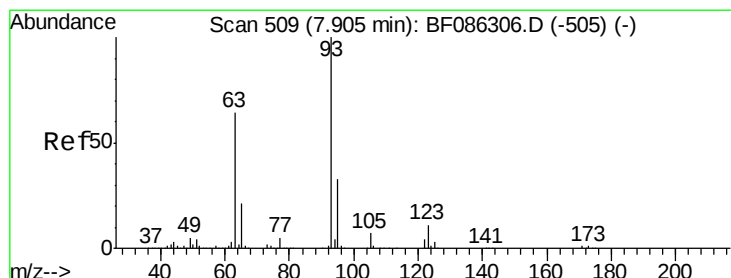
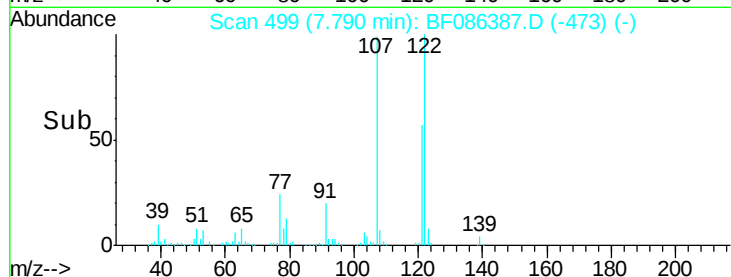
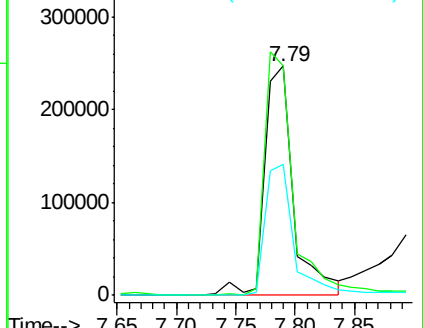
121 57.1 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.91 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

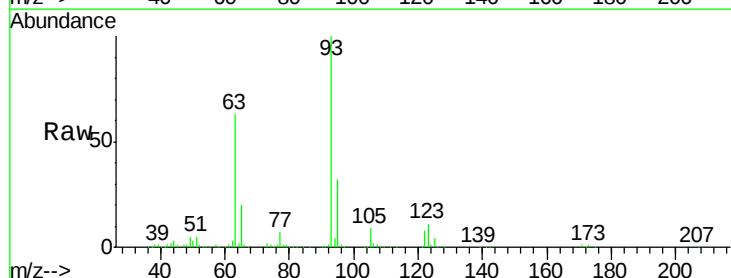
Tgt Ion: 93 Resp: 531511

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

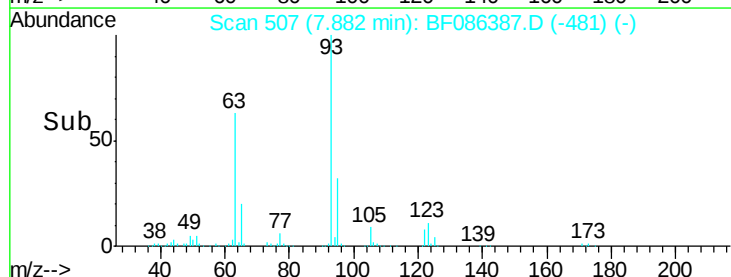
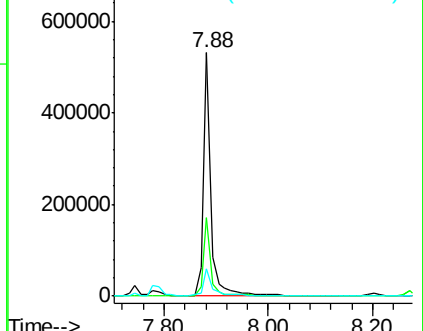
123 11.4 9.5 14.3

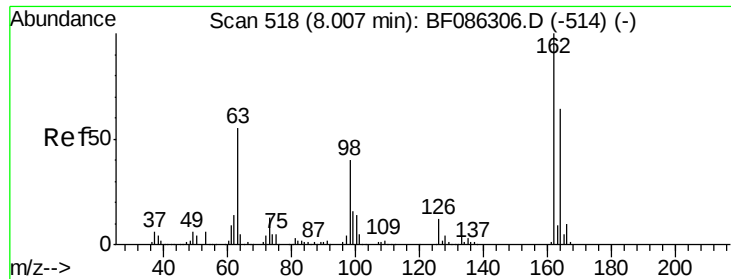


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

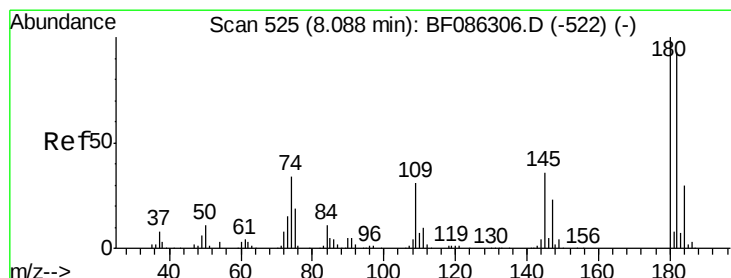
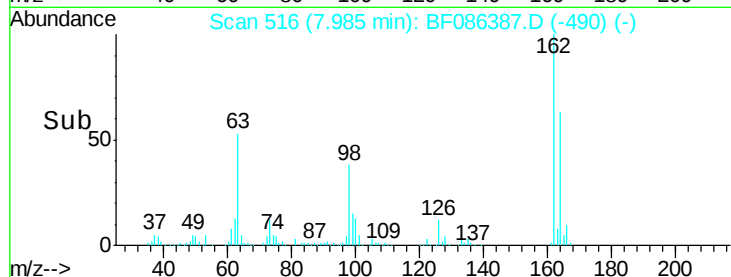
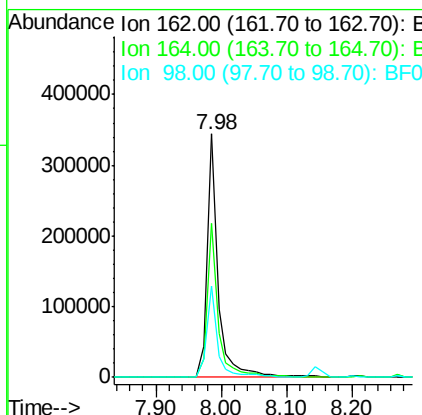
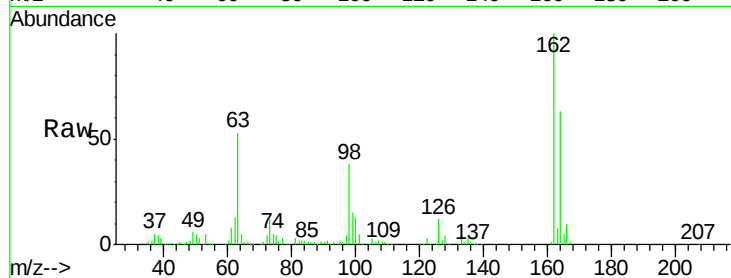




#29
 2,4-Dichlorophenol
 Concen: 43.26 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

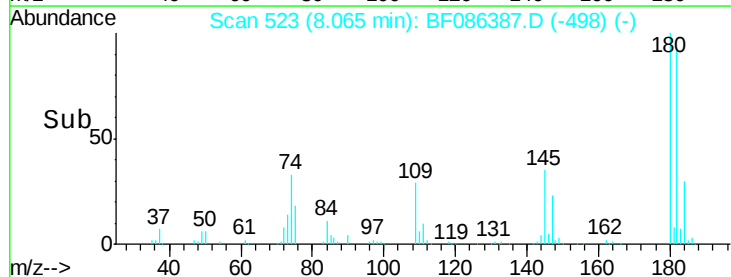
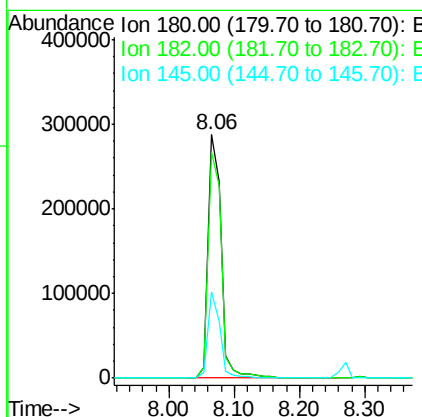
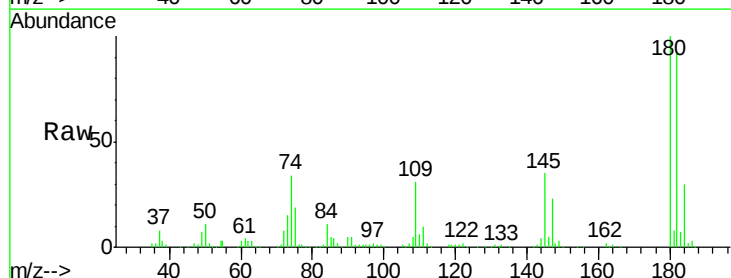
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

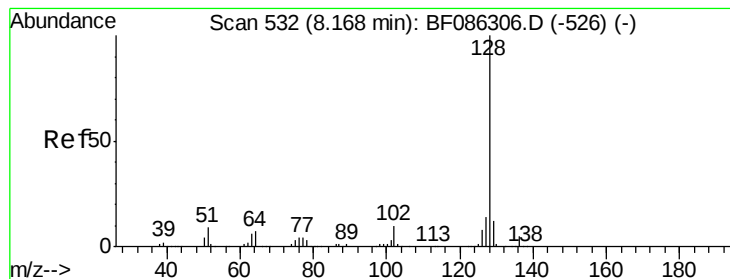
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.2	82.2
98	37.6	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.99 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	78.0	117.0
145	35.4	24.2	36.2





#31

Naphthalene

Concen: 37.49 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

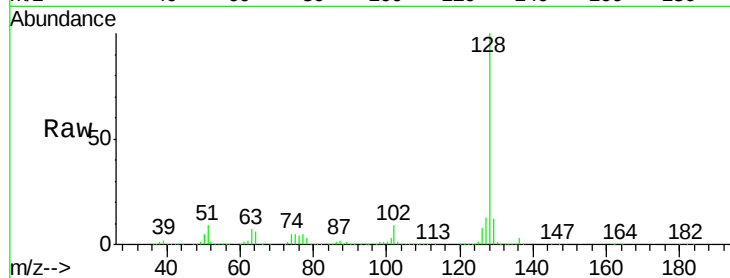
Tgt Ion:128 Resp: 1412474

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

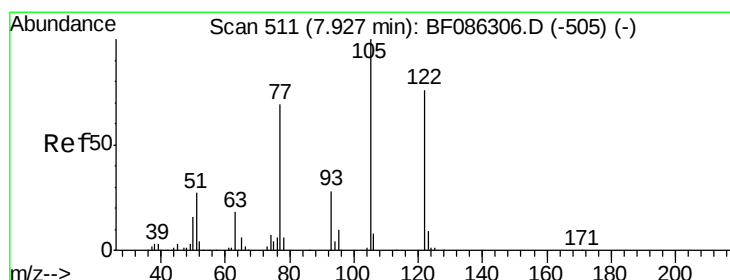
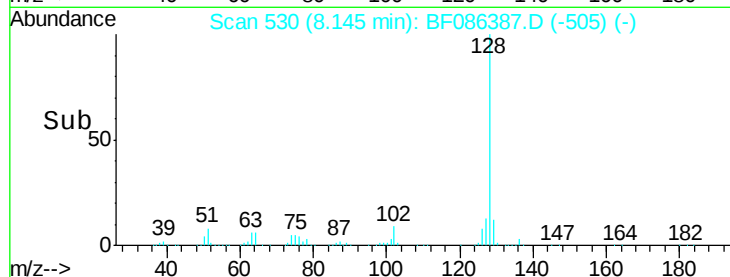
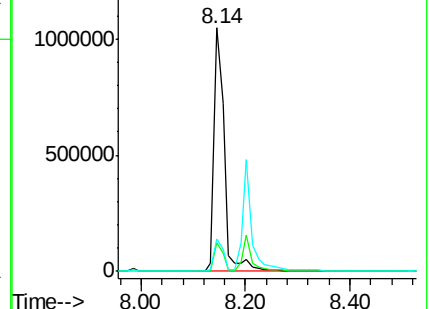
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.82 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

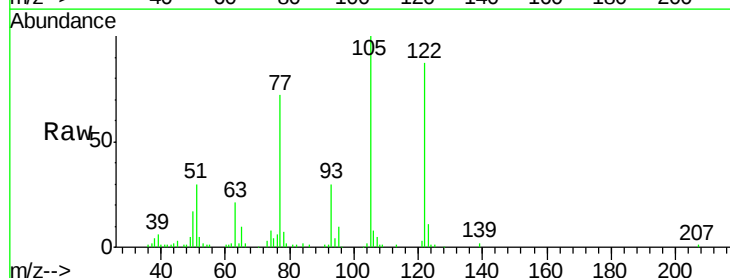
Tgt Ion:122 Resp: 259490

Ion Ratio Lower Upper

122 100

105 114.4 92.6 132.6

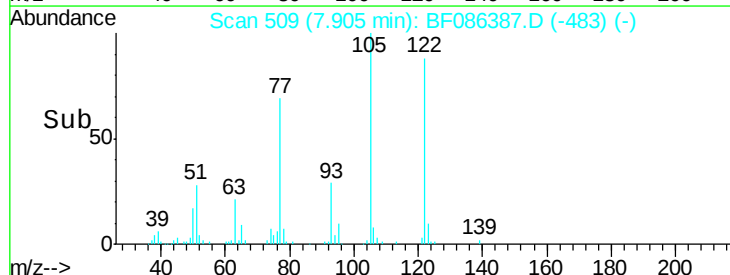
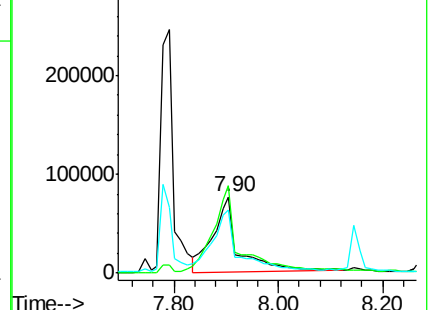
77 81.8 60.0 100.0

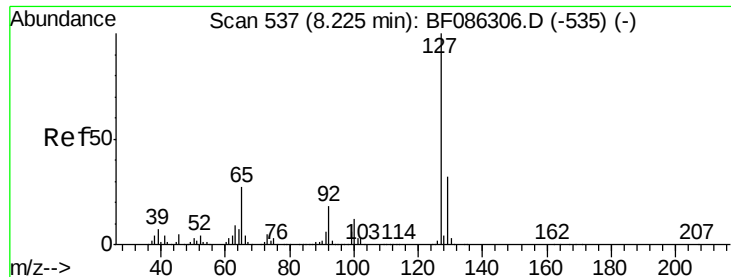


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

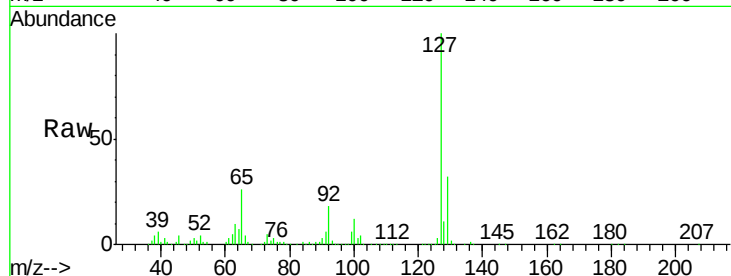




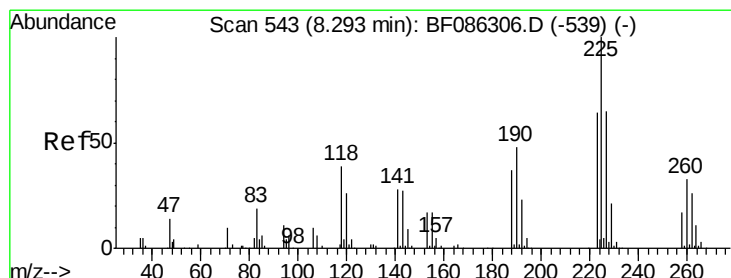
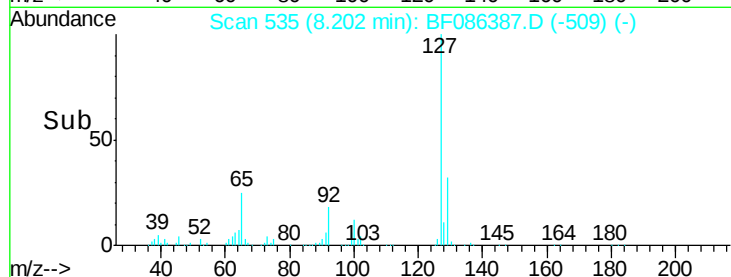
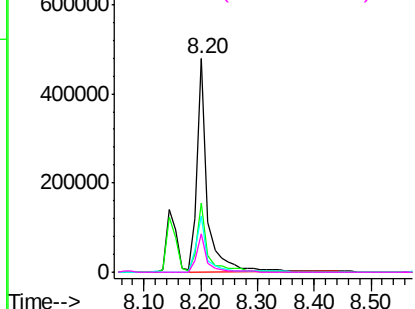
#33
4-Chloroaniline
Concen: 41.34 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	606654
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	26.5	23.0	34.4
92	17.8	15.1	22.7

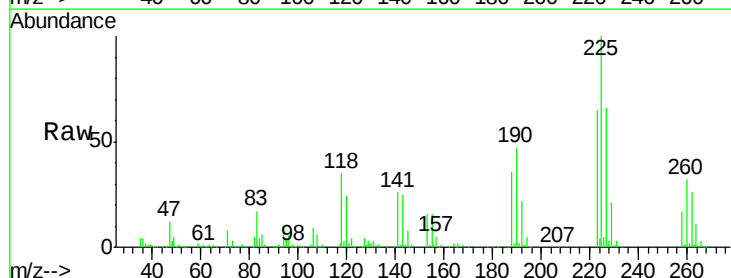


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

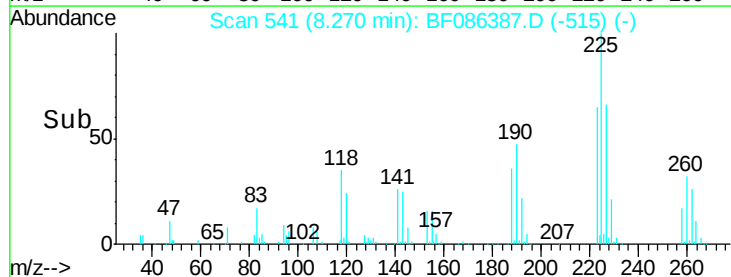
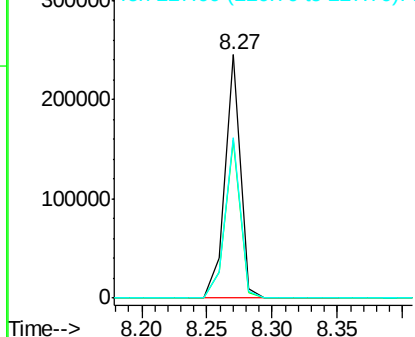


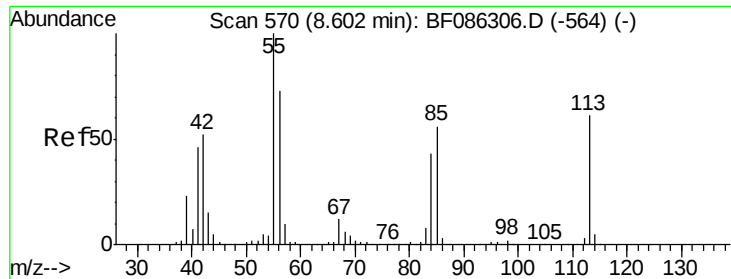
#34
Hexachlorobutadiene
Concen: 40.27 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion:	225	Resp:	204598
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.5	77.3
227	65.8	52.2	78.2



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

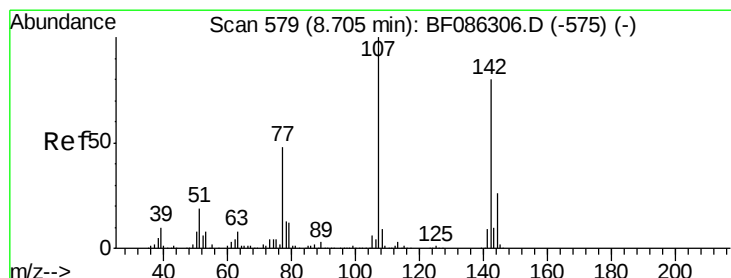
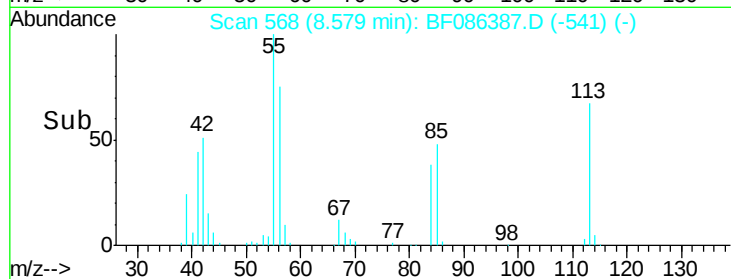
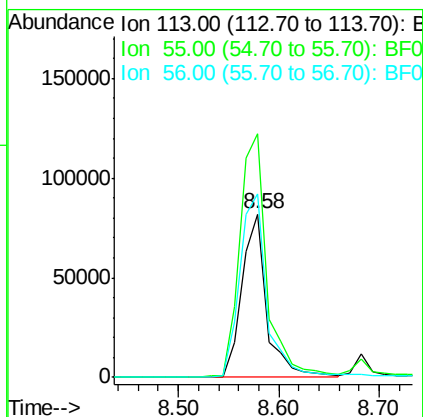
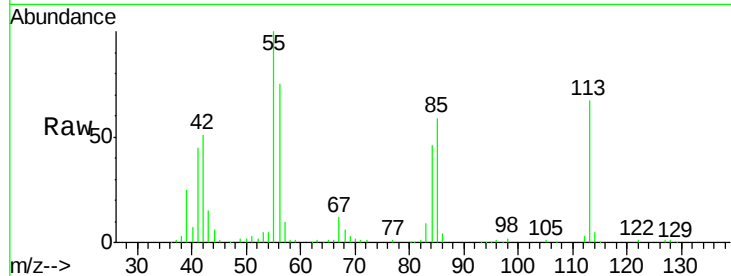




#35
 Caprolactam
 Concen: 41.64 ng
 RT: 8.58 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

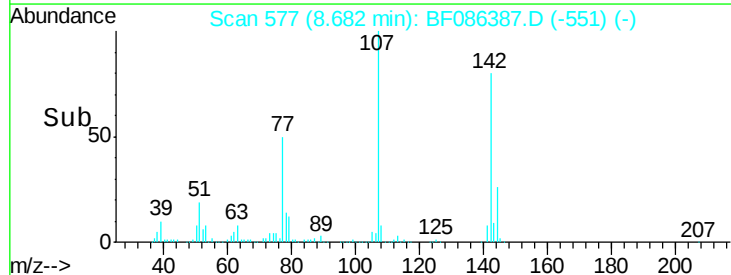
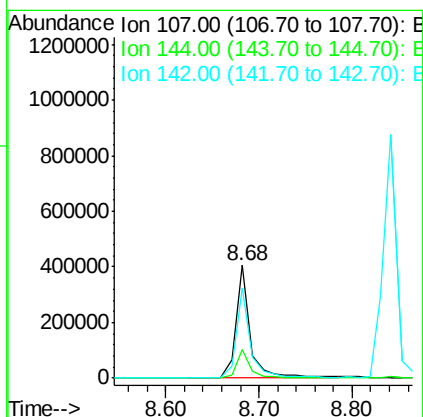
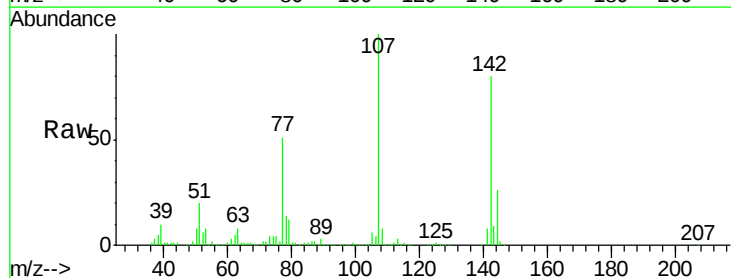
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

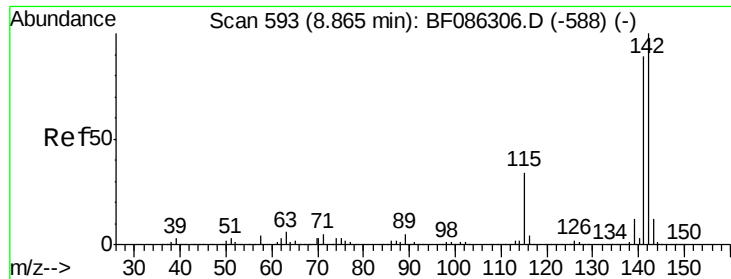
Tgt Ion:113 Resp: 139937
 Ion Ratio Lower Upper
 113 100
 55 149.1 162.0 202.0#
 56 112.4 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 39.28 ng
 RT: 8.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion:107 Resp: 437274
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.7 31.1
 142 79.5 63.2 94.8

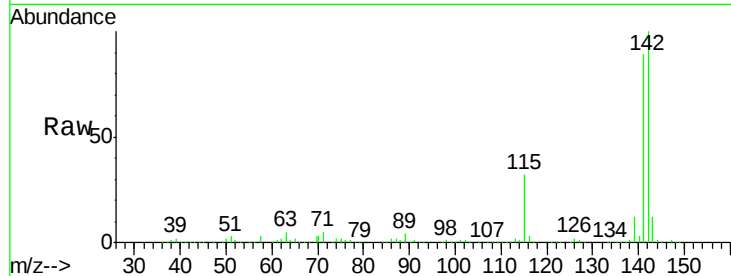




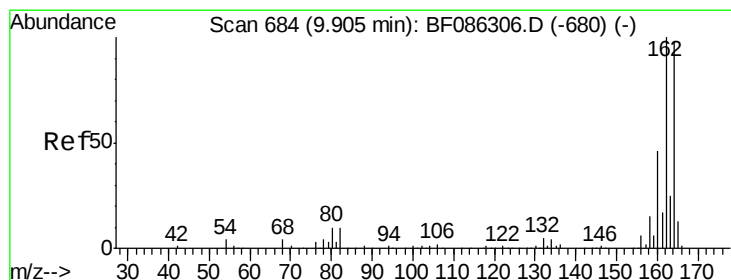
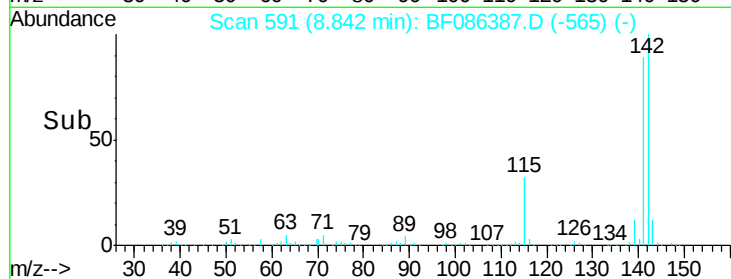
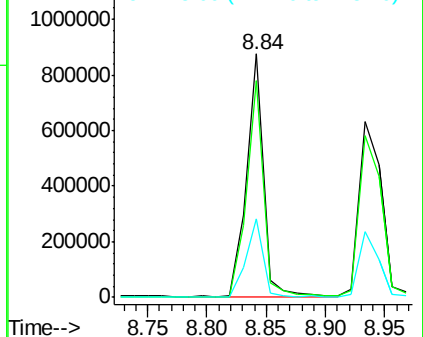
#37
 2-Methylnaphthalene
 Concen: 41.16 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	32.1	26.6	39.8

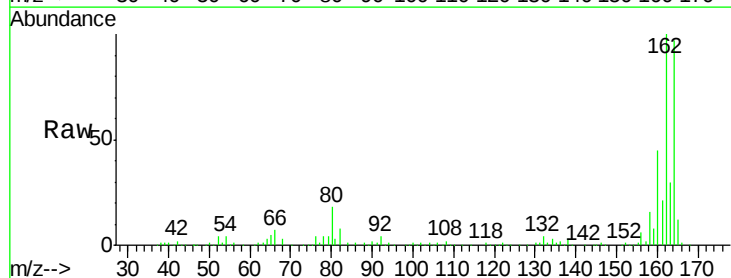


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

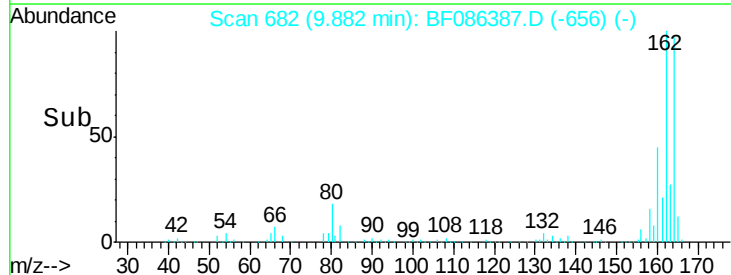
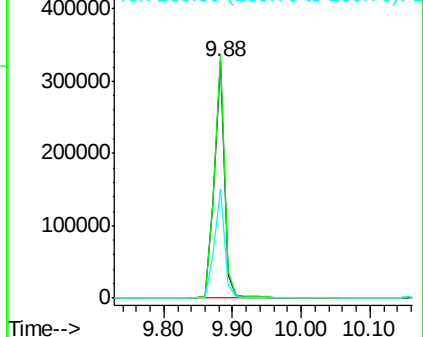


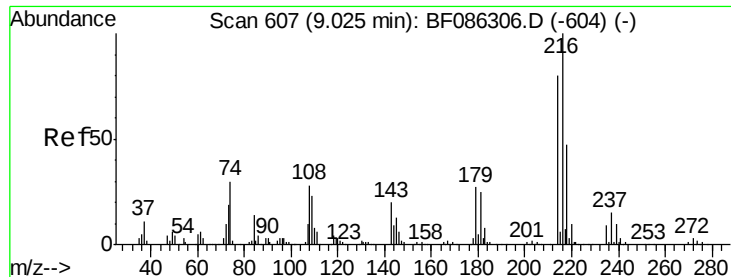
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.8	124.2
160	46.3	36.9	55.3



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

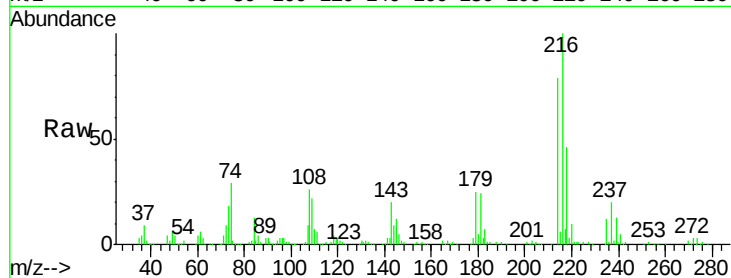




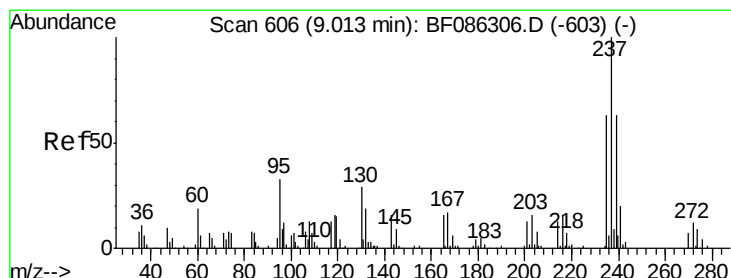
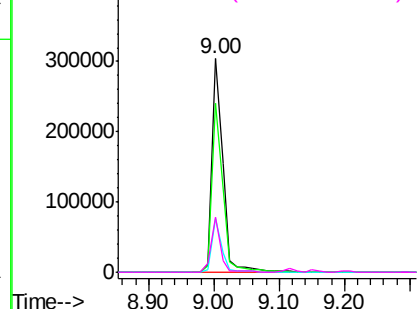
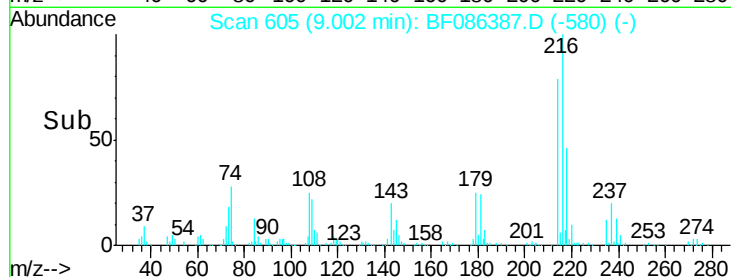
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.79 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	359335
Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	22.4	18.2	27.4
108	22.2	17.5	26.3

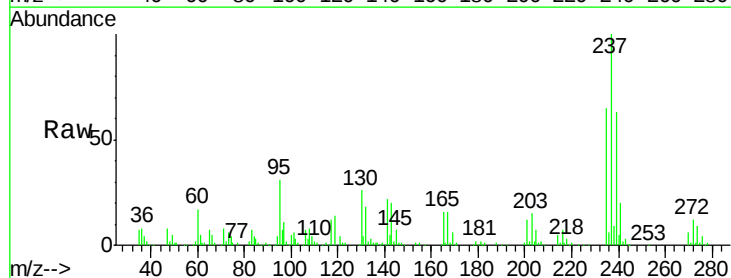


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

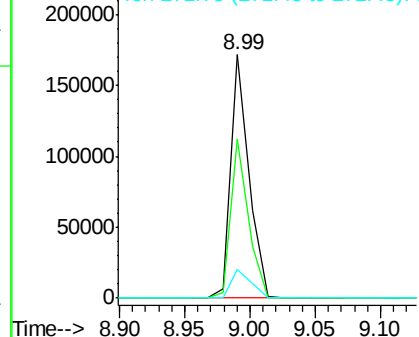
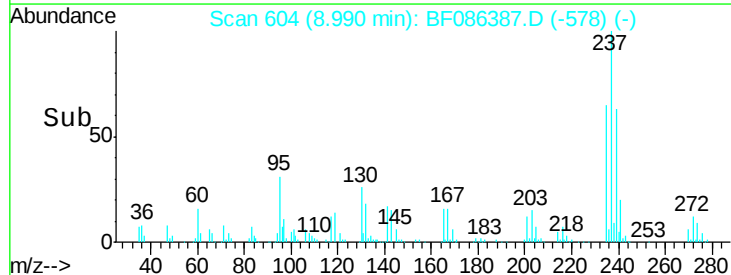


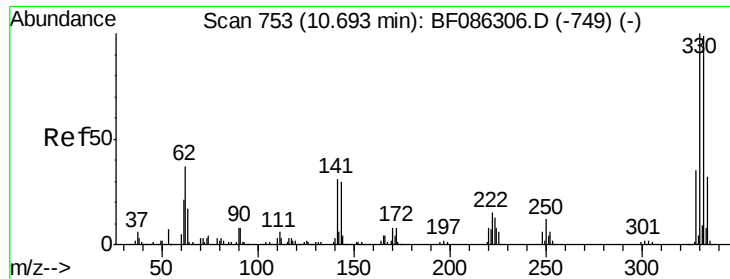
#40
 Hexachlorocyclopentadiene
 Concen: 37.61 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion:	237	Resp:	165872
Ion	Ratio	Lower	Upper
237	100		
235	65.5	47.2	87.2
272	11.9	0.0	31.1



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

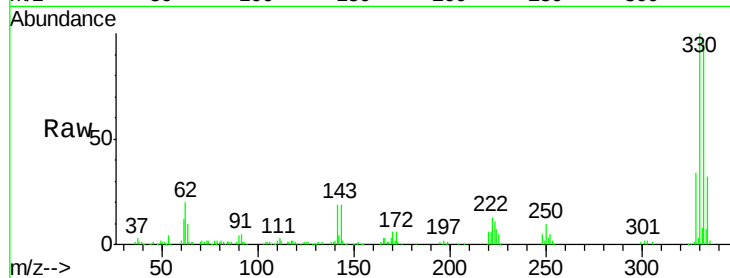




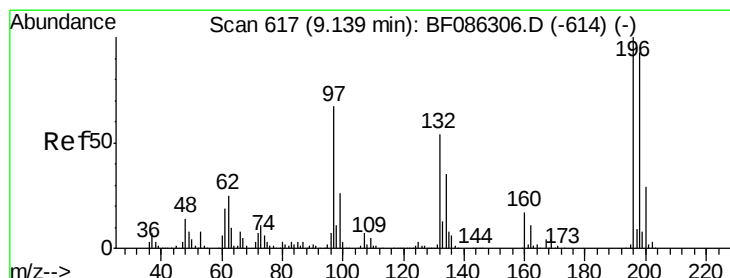
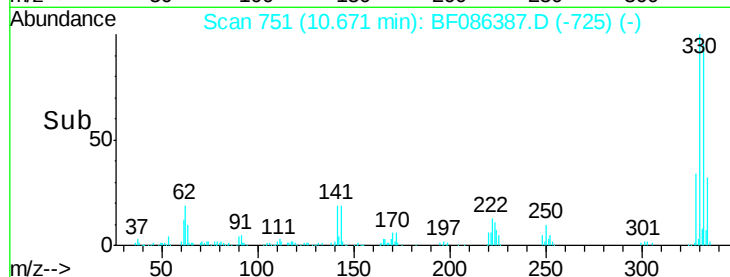
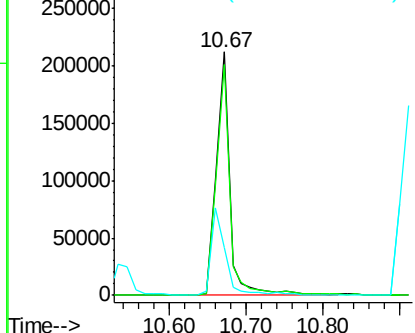
#41
 2,4,6-Tribromophenol
 Concen: 82.78 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 261548
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 37.0 31.2 46.8

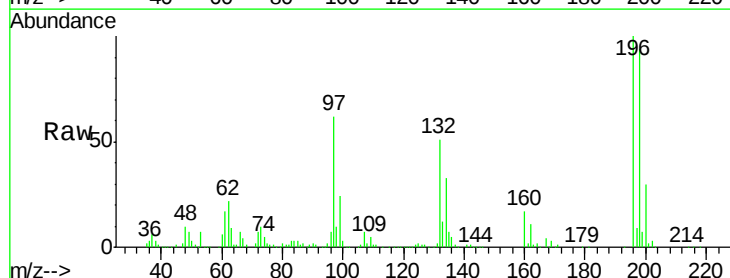


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

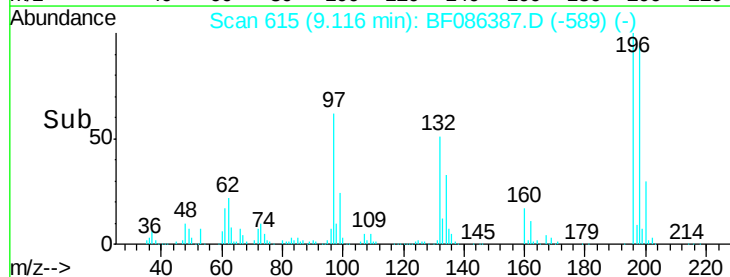
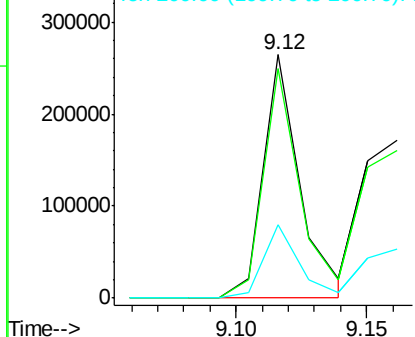


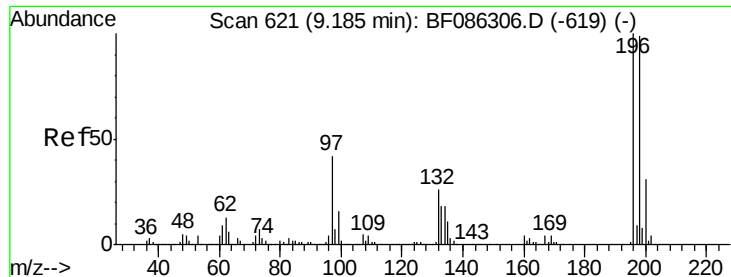
#42
 2,4,6-Trichlorophenol
 Concen: 43.17 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion:196 Resp: 255592
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.7 112.1
 200 30.0 23.8 35.6



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

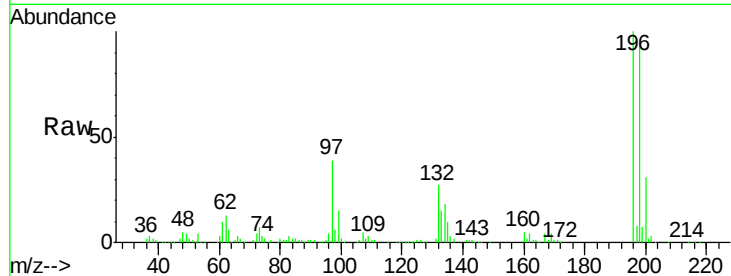




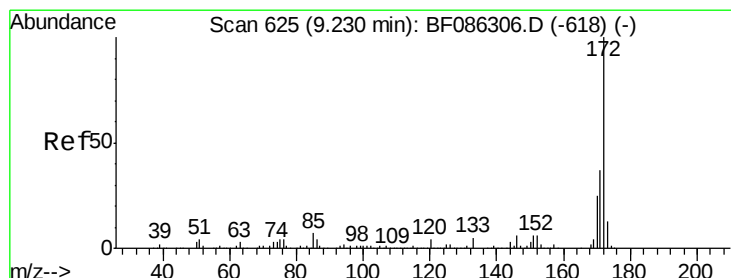
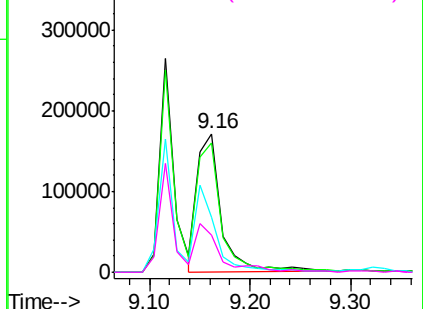
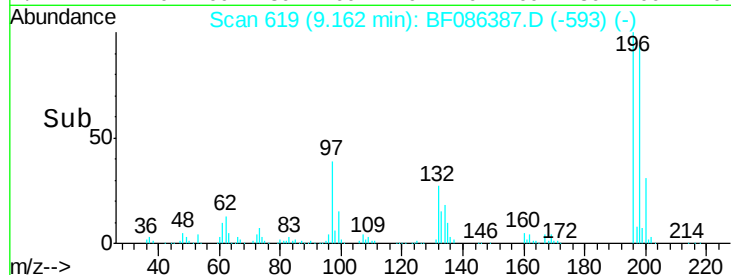
#43
 2,4,5-Trichlorophenol
 Concen: 38.62 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	281585
Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.5	116.3
97	39.4	34.8	52.2
132	27.0	23.0	34.4

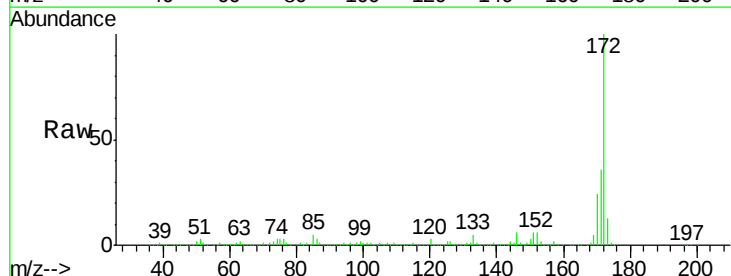


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

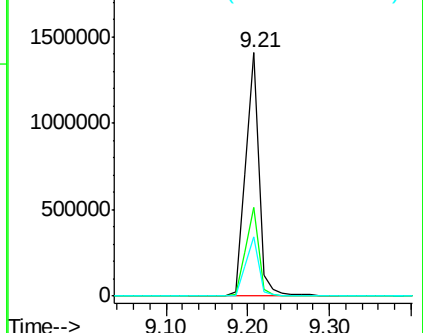
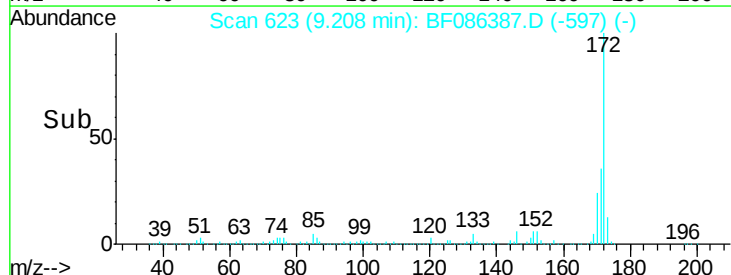


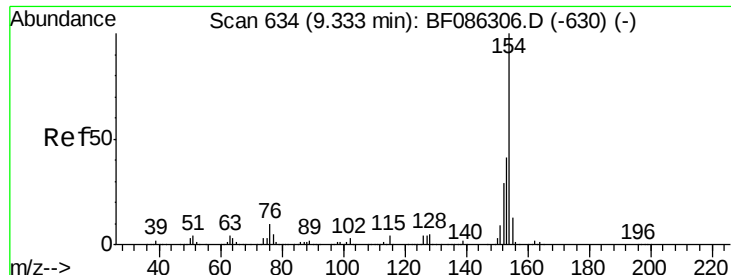
#44
 2-Fluorobiphenyl
 Concen: 79.10 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion:	172	Resp:	1617847
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.5	19.8	29.8



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: 38.37 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

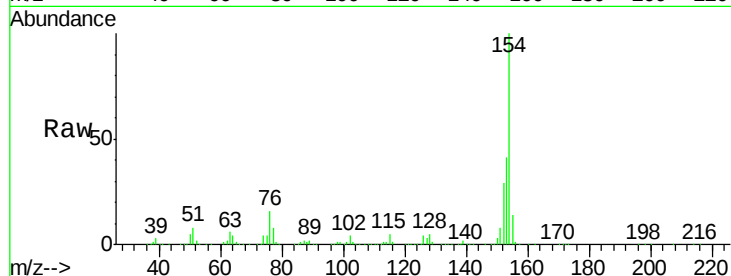
Tgt Ion:154 Resp: 1038938

Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

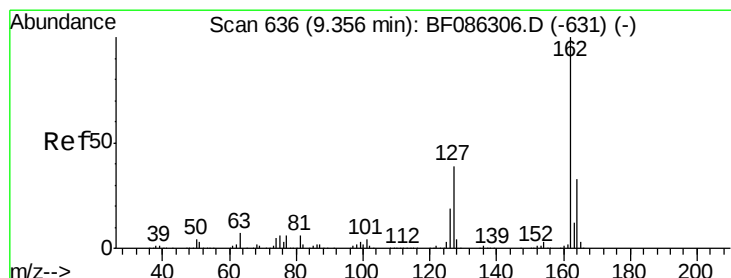
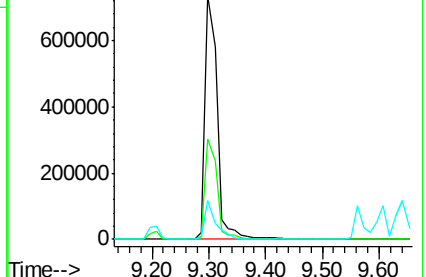
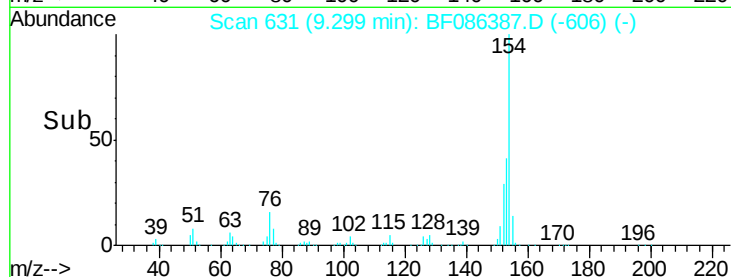
76 16.0 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.52 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

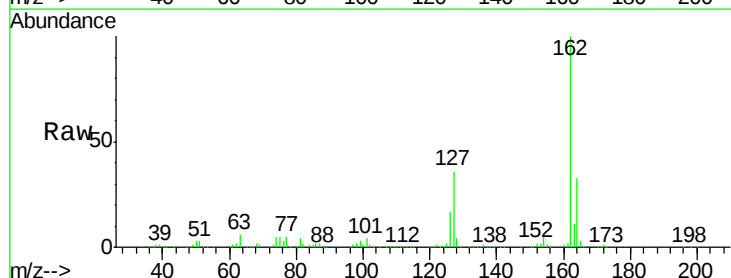
Tgt Ion:162 Resp: 847033

Ion Ratio Lower Upper

162 100

127 36.4 31.8 47.6

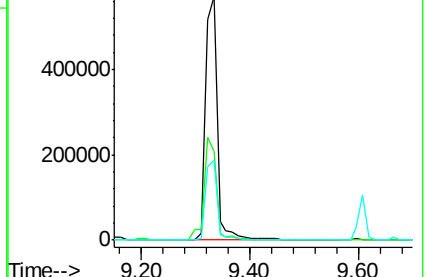
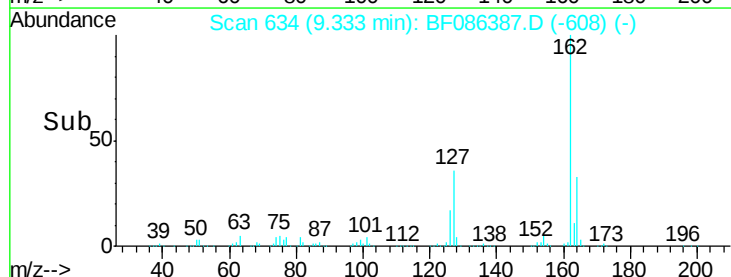
164 32.9 27.0 40.6

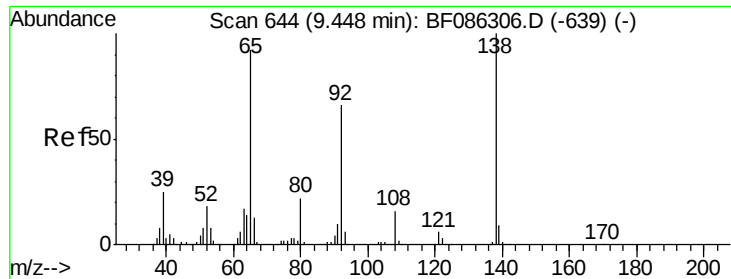


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

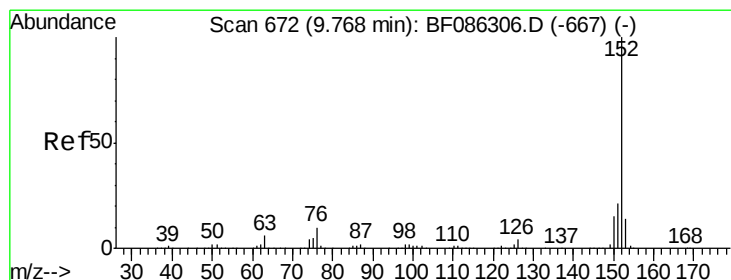
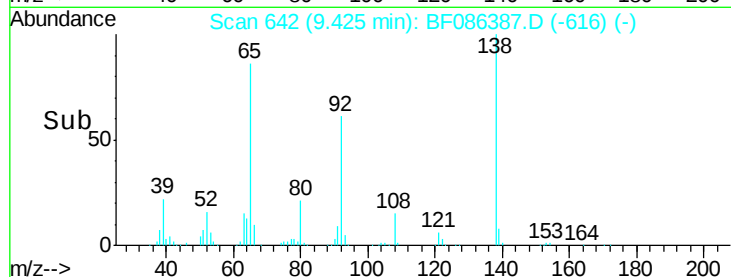
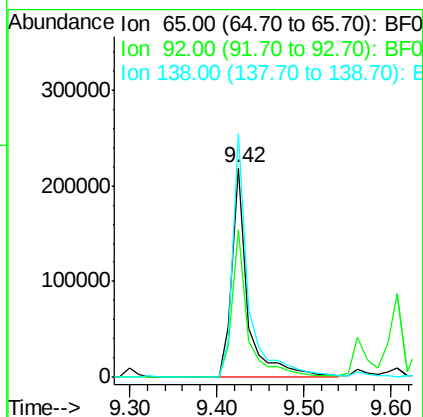
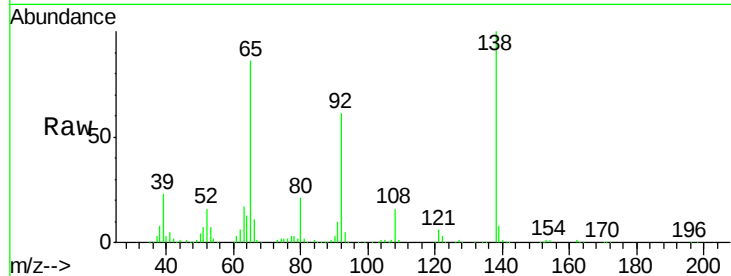




#47
2-Nitroaniline
Concen: 41.92 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

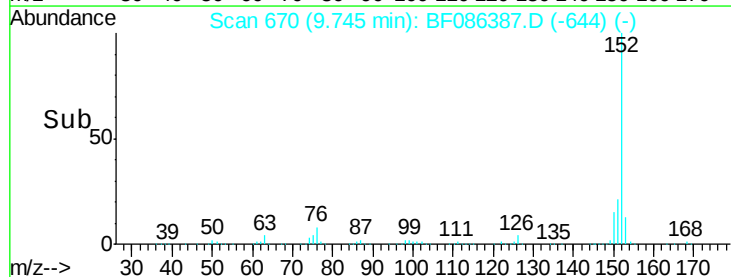
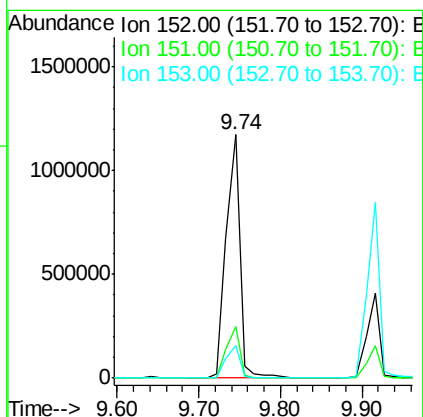
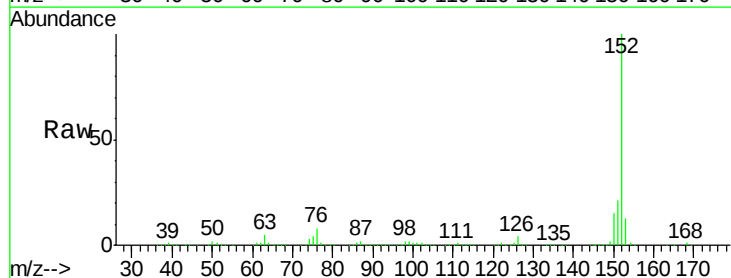
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

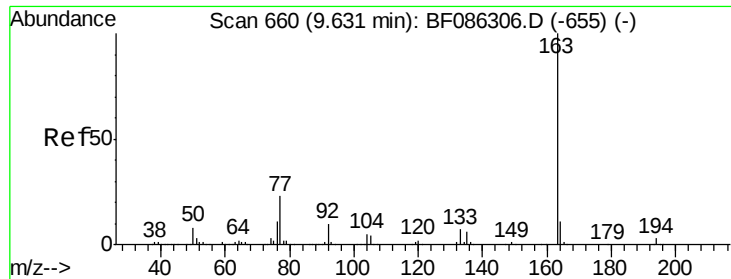
Tgt Ion: 65 Resp: 279733
Ion Ratio Lower Upper
65 100
92 70.5 57.4 86.2
138 116.1 90.1 135.1



#48
Acenaphthylene
Concen: 39.34 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion: 152 Resp: 1367028
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 13.1 10.9 16.3





#49

Dimethylphthalate

Concen: 39.29 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

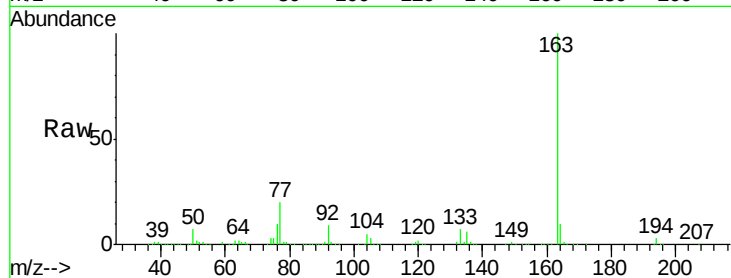
Tgt Ion:163 Resp: 990774

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

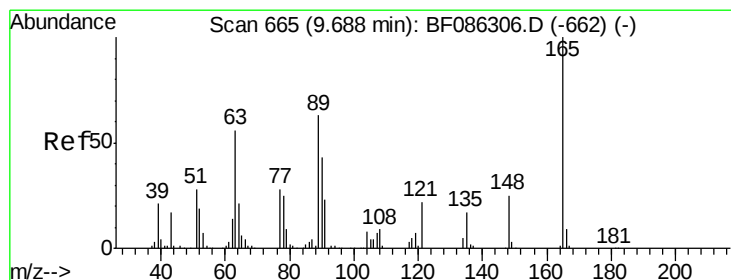
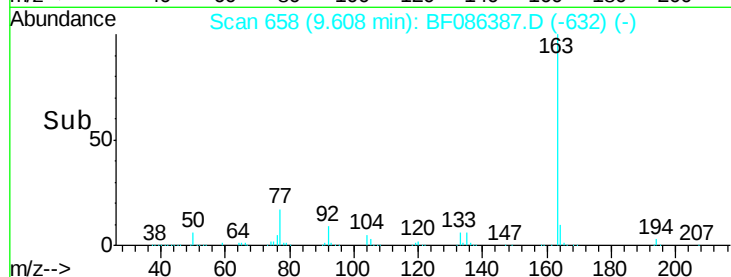
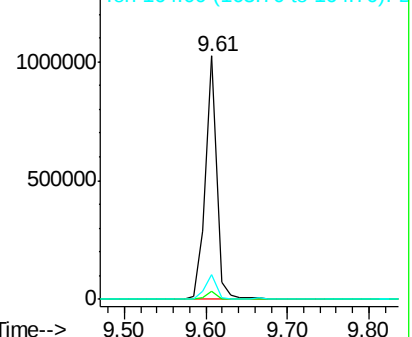
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.05 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

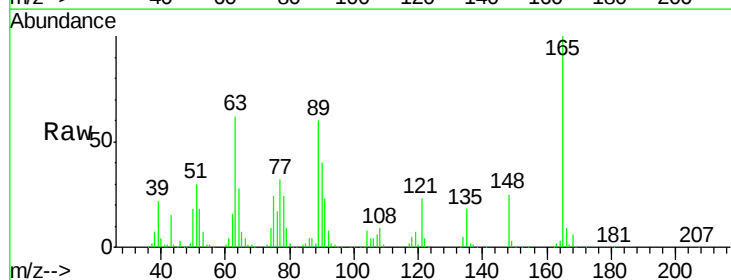
Tgt Ion:165 Resp: 223578

Ion Ratio Lower Upper

165 100

63 61.6 51.8 77.8

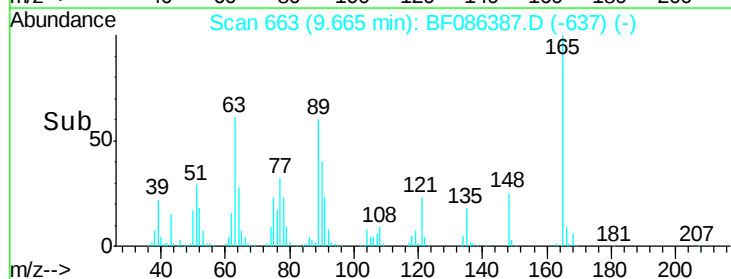
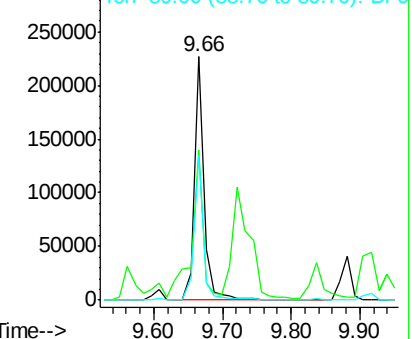
89 59.7 50.7 76.1

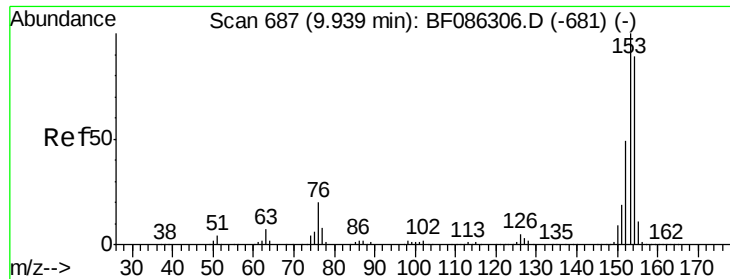


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.28 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

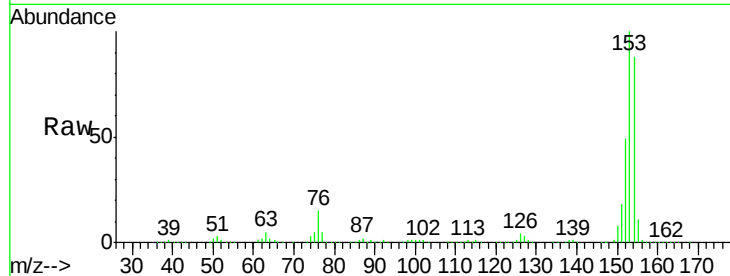
Tgt Ion:154 Resp: 838472

Ion Ratio Lower Upper

154 100

153 114.1 89.8 134.6

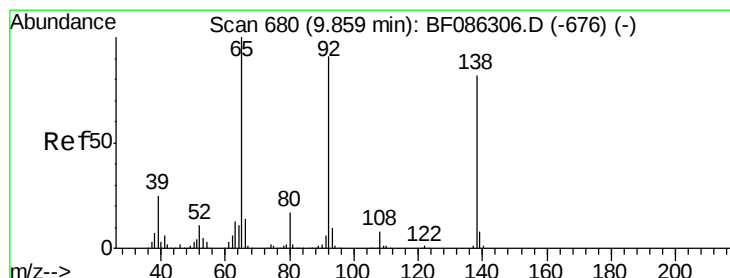
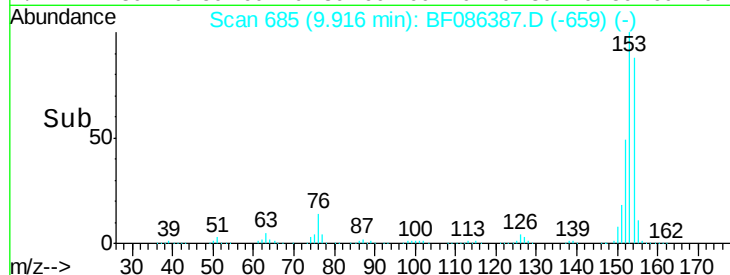
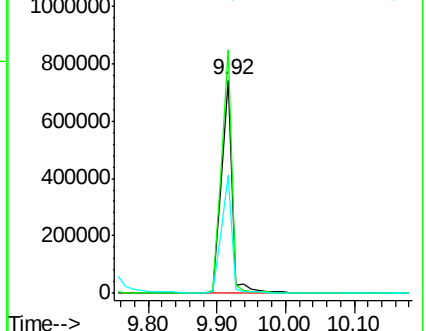
152 55.4 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.23 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

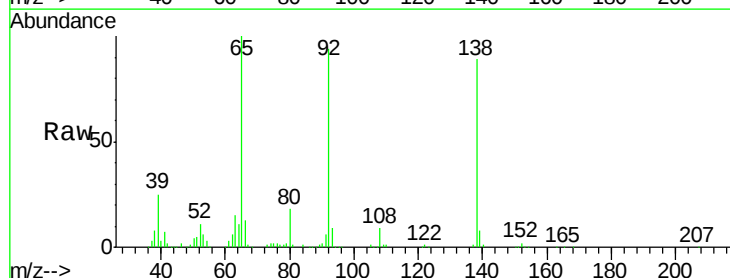
Tgt Ion:138 Resp: 281149

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

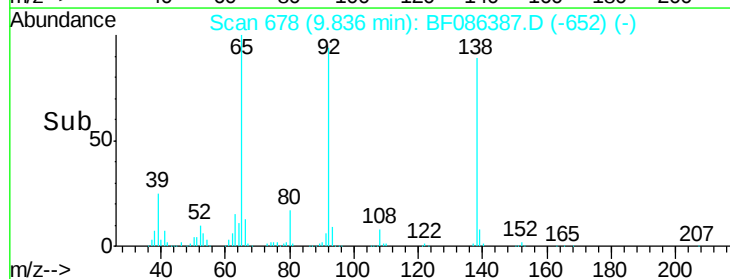
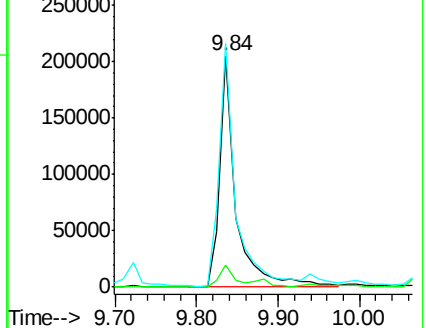
92 105.3 87.8 131.8

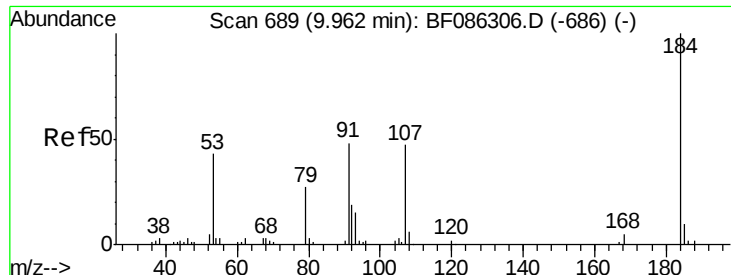


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

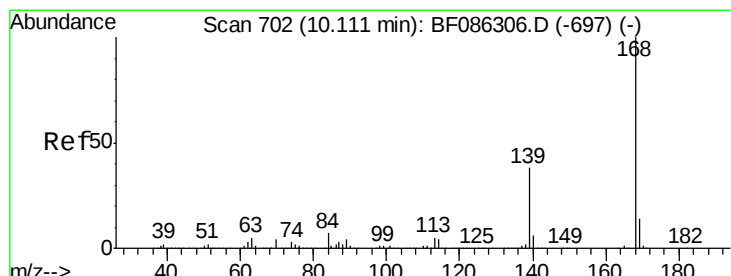
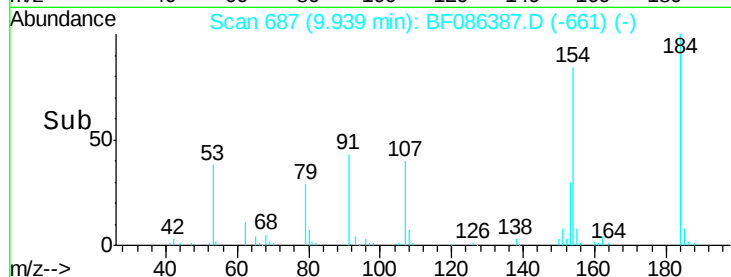
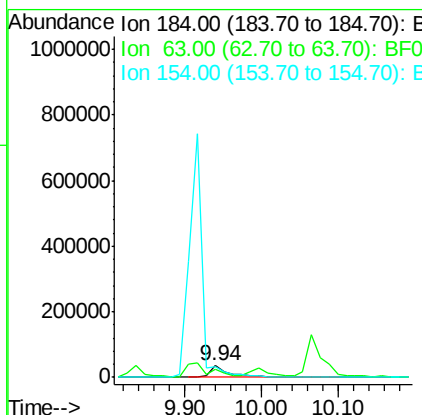
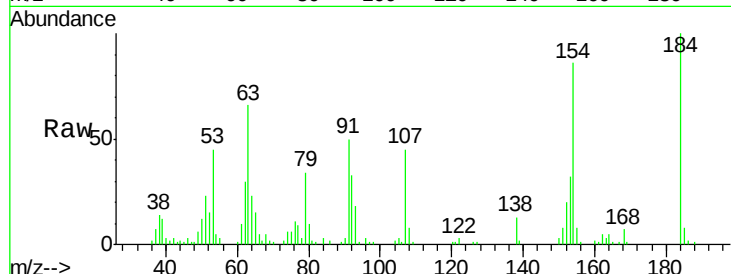




#53
2,4-Dinitrophenol
Concen: 22.87 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

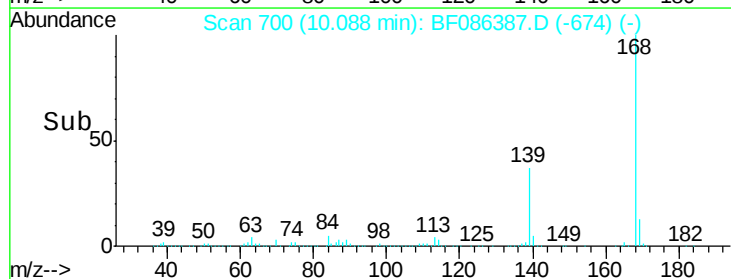
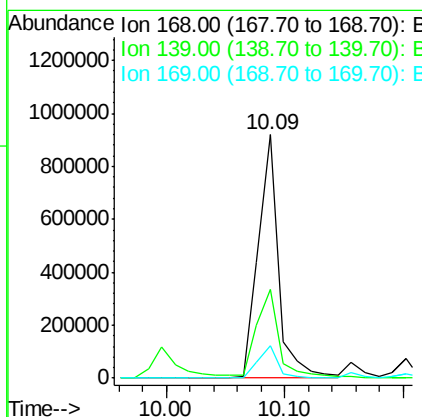
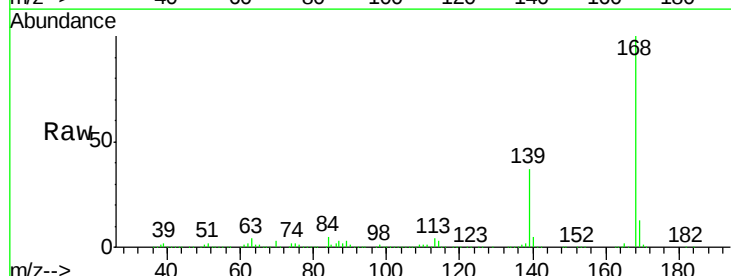
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

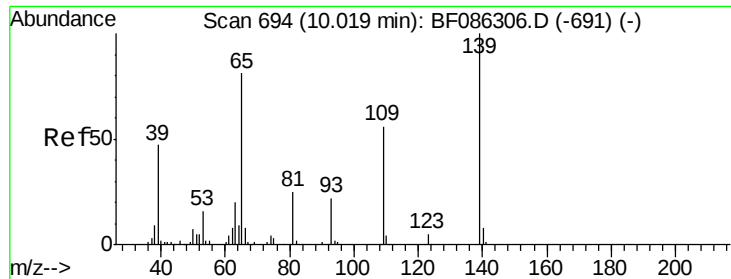
Tgt Ion:184 Resp: 64749
Ion Ratio Lower Upper
184 100
63 66.5 55.8 83.8
154 86.2 62.4 93.6



#54
Dibenzofuran
Concen: 40.17 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion:168 Resp: 1101313
Ion Ratio Lower Upper
168 100
139 36.6 31.4 47.0
169 13.3 10.7 16.1

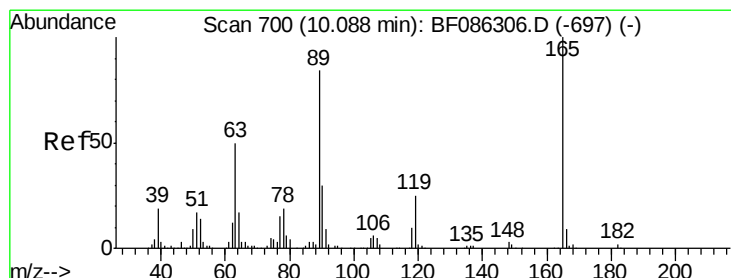
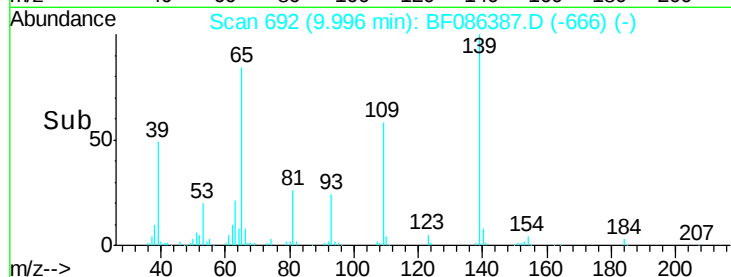
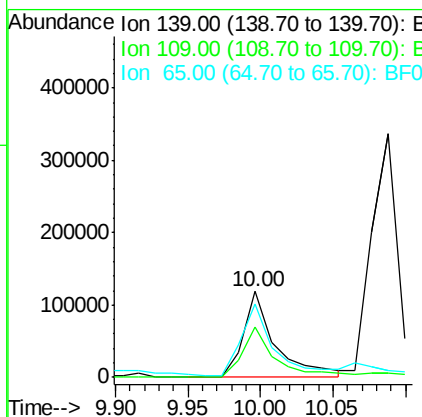
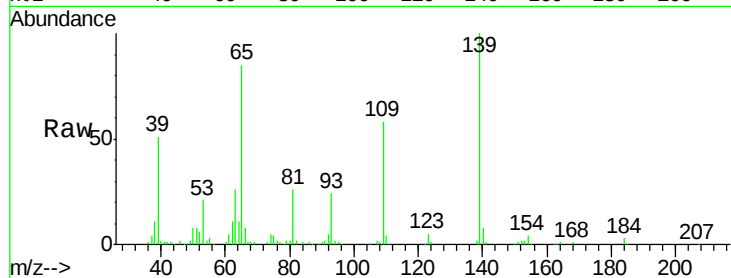




#55
 4-Nitrophenol
 Concen: 37.79 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

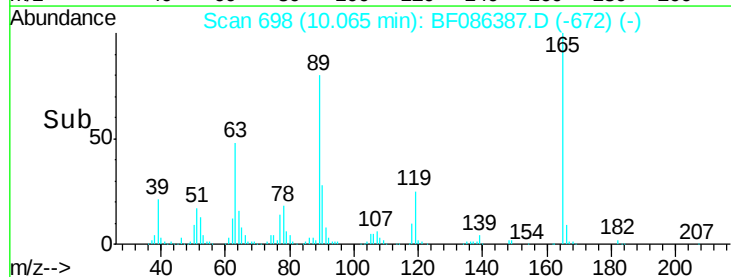
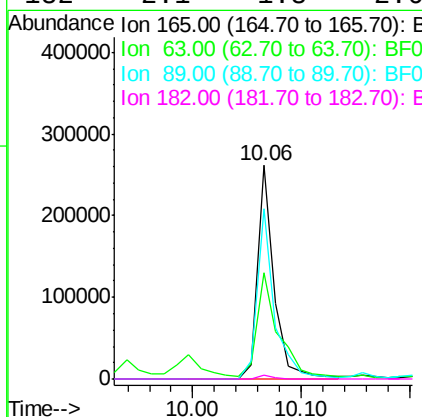
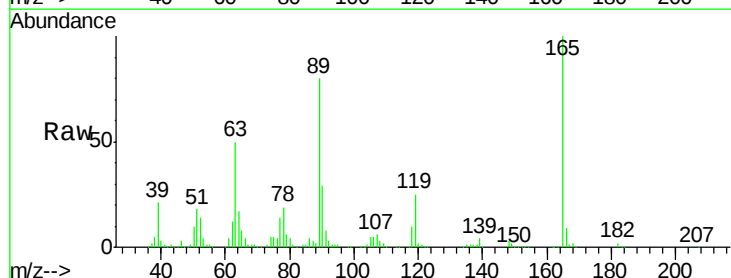
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

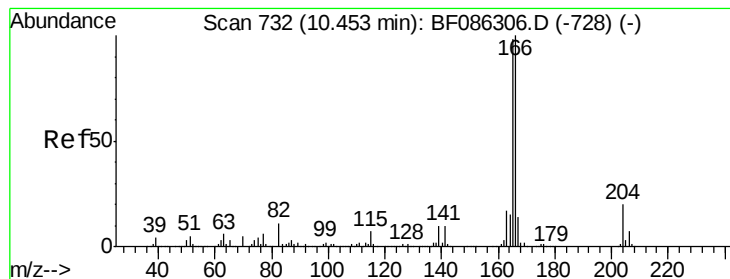
Tgt Ion:139 Resp: 180323
 Ion Ratio Lower Upper
 139 100
 109 58.4 36.9 76.9
 65 84.7 64.0 104.0



#56
 2,4-Dinitrotoluene
 Concen: 38.83 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion:165 Resp: 280815
 Ion Ratio Lower Upper
 165 100
 63 49.6 44.3 66.5
 89 79.7 70.0 105.0
 182 2.1 1.8 2.6





#57

Fluorene

Concen: 38.58 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

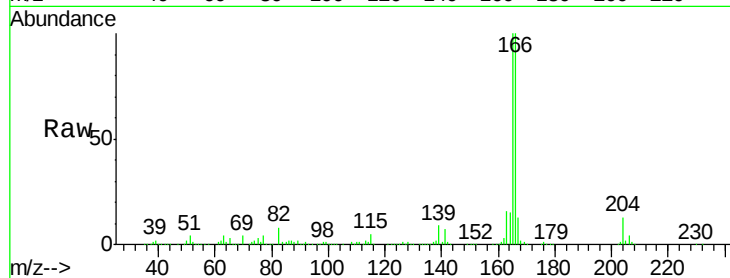
Tgt Ion:166 Resp: 866687

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.6

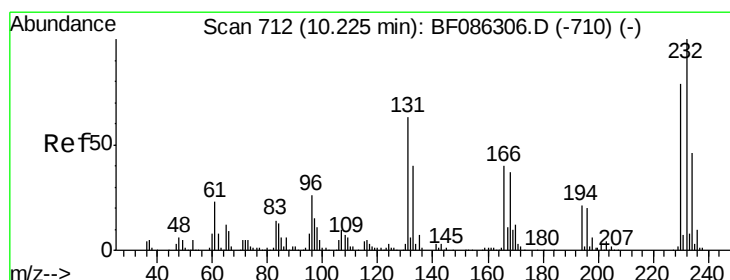
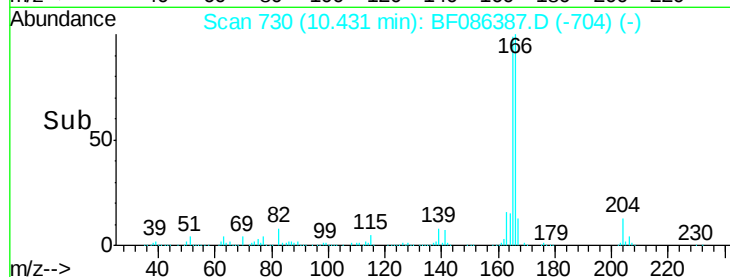
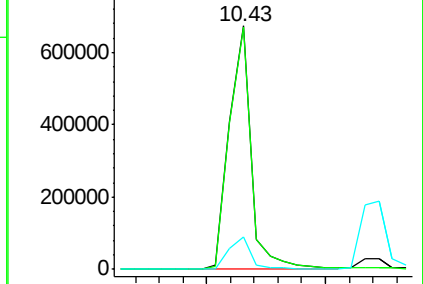
167 13.2 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.37 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Tgt Ion:232 Resp: 220436

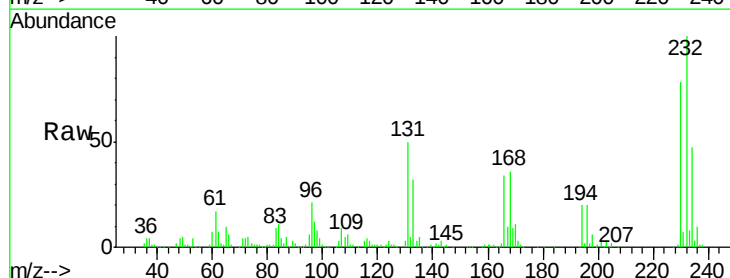
Ion Ratio Lower Upper

232 100

131 48.0 41.9 62.9

130 2.4 2.2 3.4

166 31.4 26.8 40.2

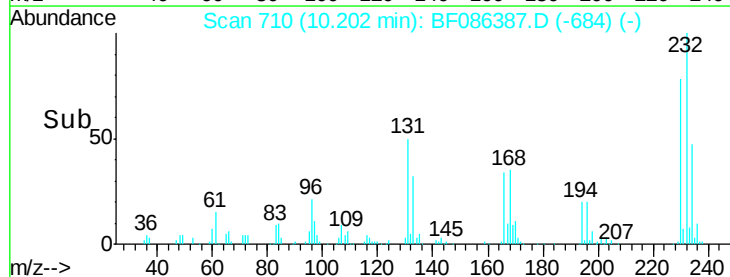
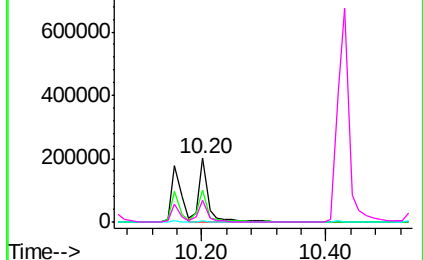


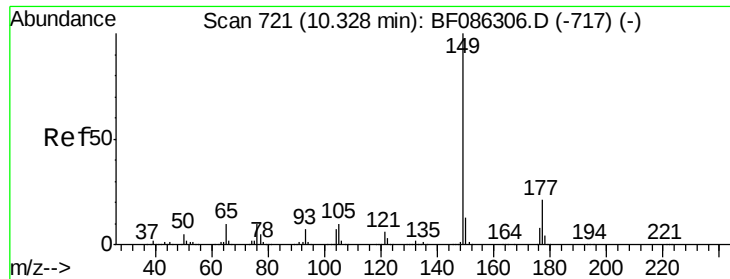
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

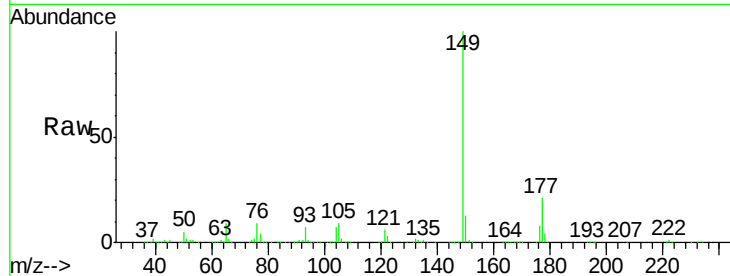




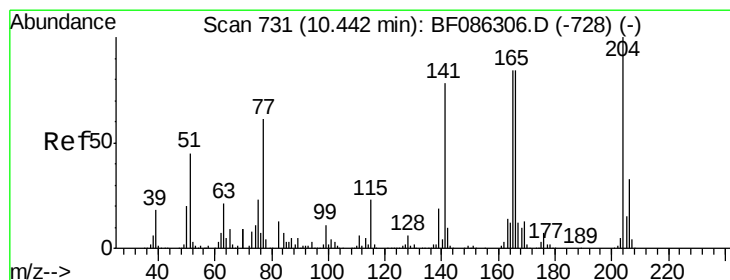
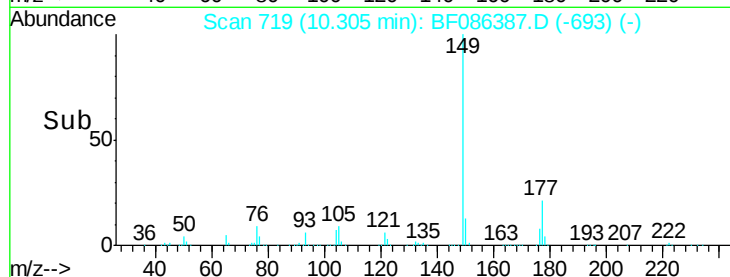
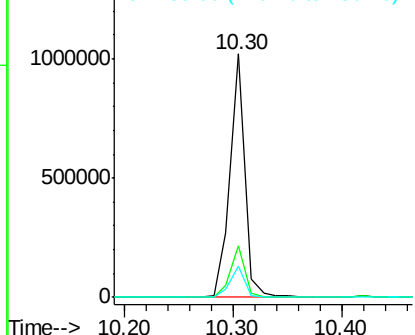
#59
Diethylphthalate
Concen: 40.15 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 969475
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.6 10.0 15.0

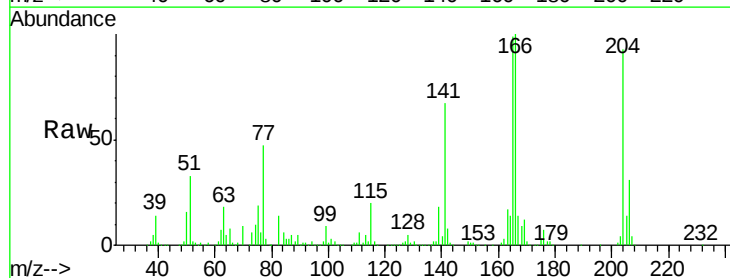


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

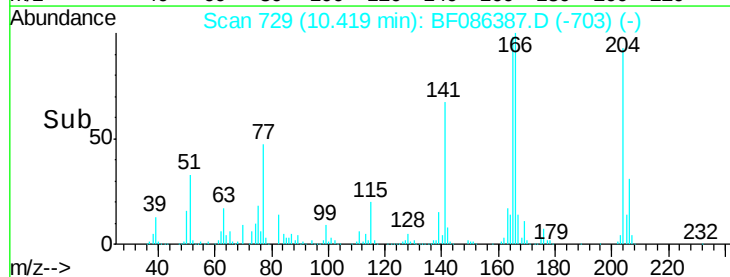
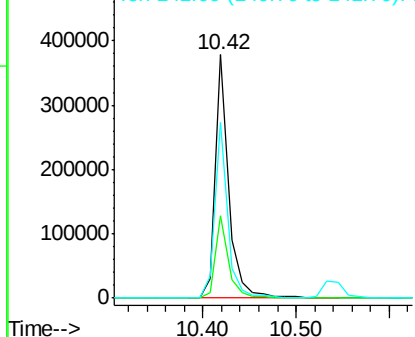


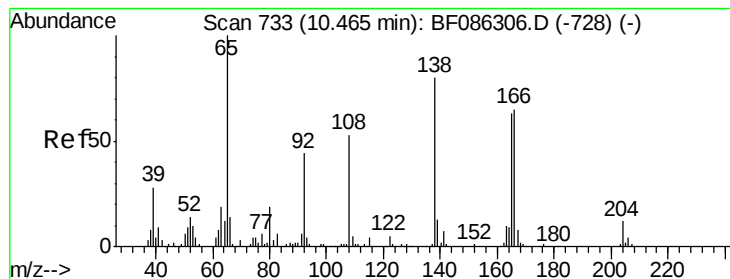
#60
4-Chlorophenyl-phenylether
Concen: 38.27 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion:204 Resp: 376016
Ion Ratio Lower Upper
204 100
206 33.7 25.4 38.0
141 72.4 61.6 92.4



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





#61

4-Nitroaniline

Concen: 40.58 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

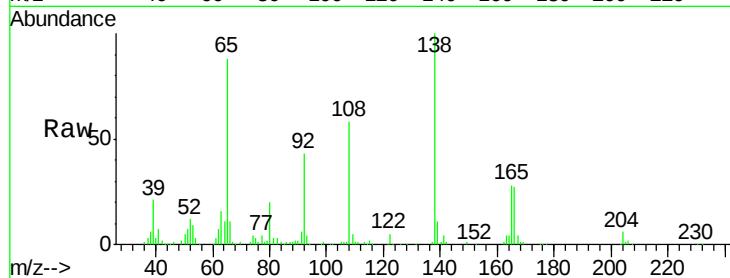
Tgt Ion:138 Resp: 283236

Ion Ratio Lower Upper

138 100

92 43.2 24.7 64.7

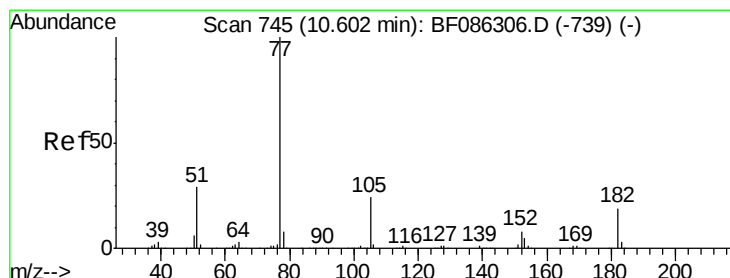
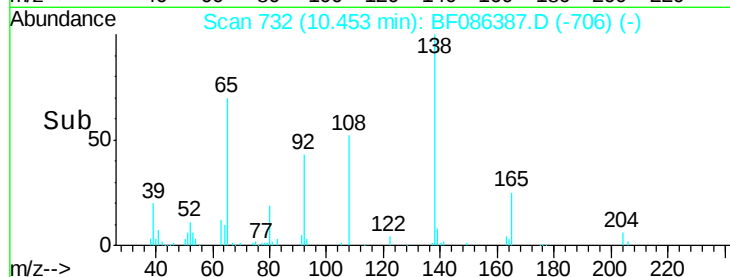
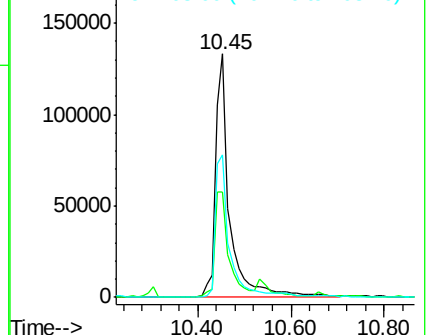
108 58.4 37.4 77.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.74 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Tgt Ion: 77 Resp: 970072

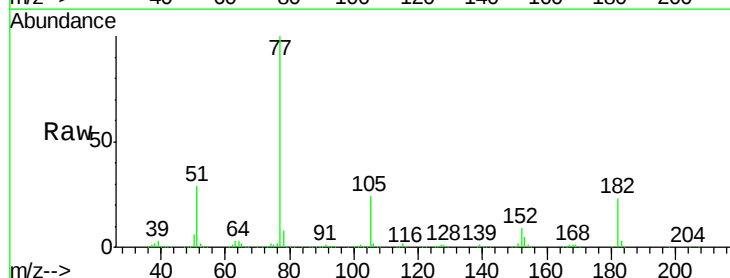
Ion Ratio Lower Upper

77 100

182 23.1 0.0 38.8

105 23.9 3.2 43.2

51 29.1 8.8 48.8

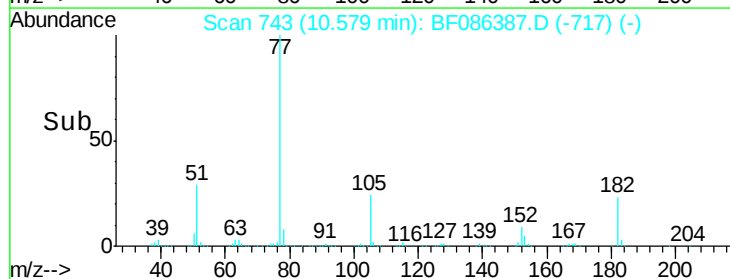
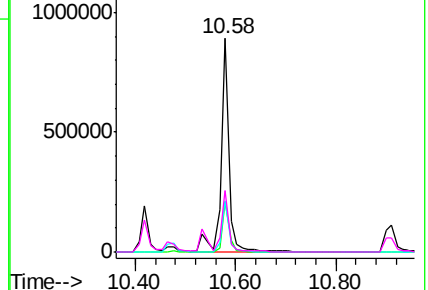


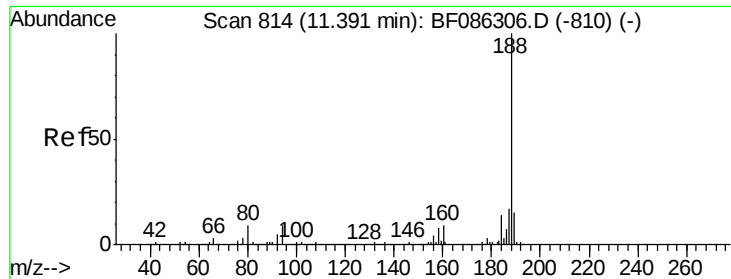
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

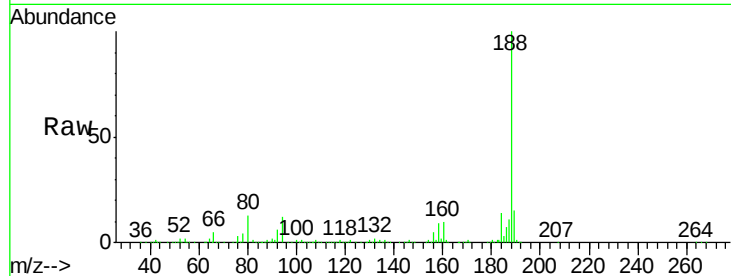
Tgt Ion:188 Resp: 660370

Ion Ratio Lower Upper

188 100

94 12.4 6.8 10.2#

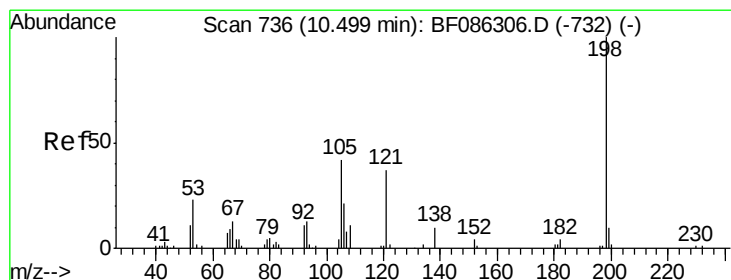
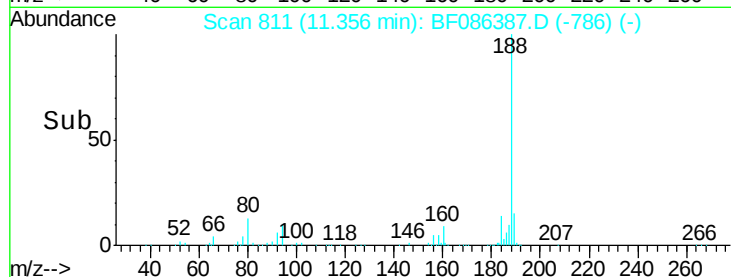
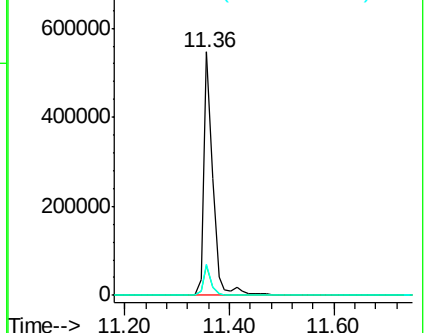
80 12.8 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 31.46 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

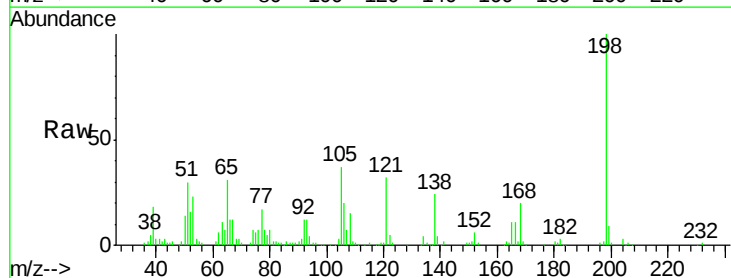
Tgt Ion:198 Resp: 126948

Ion Ratio Lower Upper

198 100

51 30.3 20.5 60.5

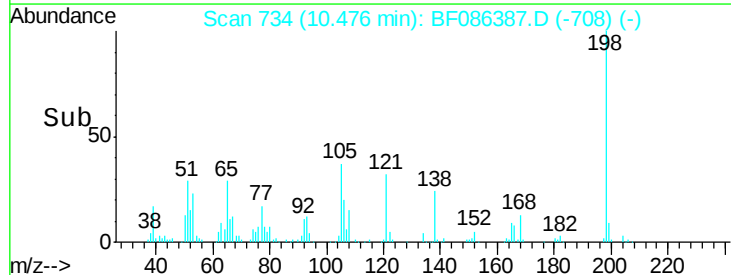
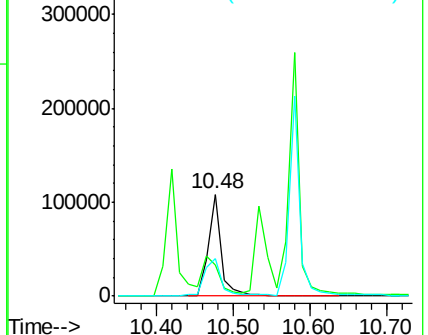
105 36.7 24.5 64.5

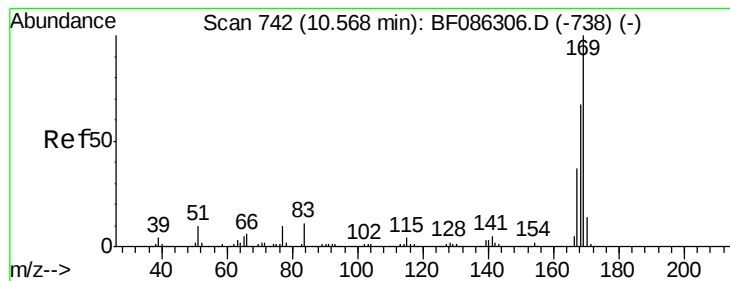


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.73 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

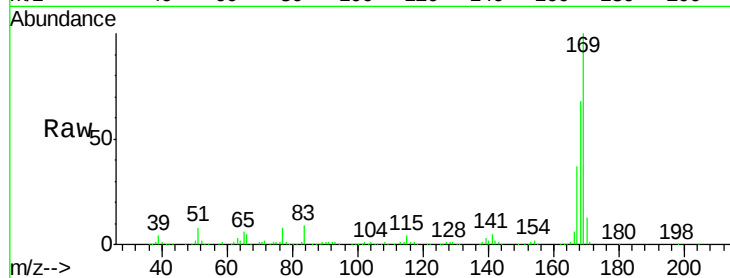
Tgt Ion:169 Resp: 768287

Ion Ratio Lower Upper

169 100

168 68.4 53.8 80.6

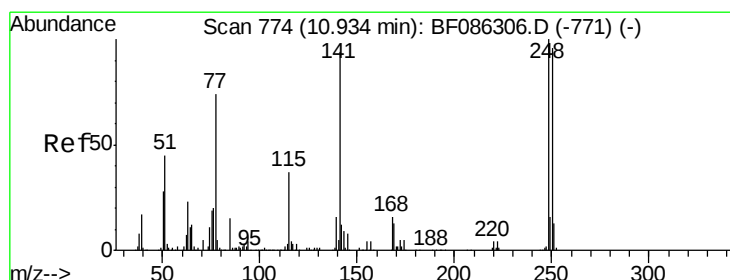
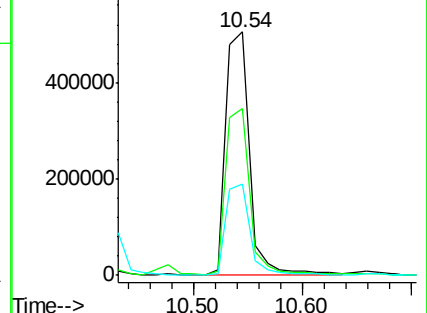
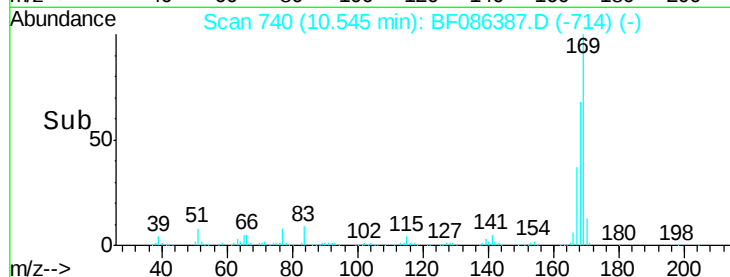
167 37.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.09 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

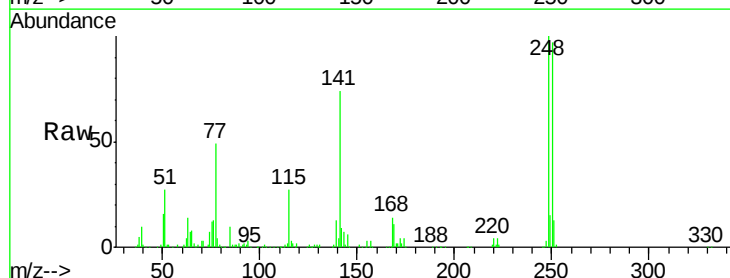
Tgt Ion:248 Resp: 252794

Ion Ratio Lower Upper

248 100

250 97.2 78.6 117.8

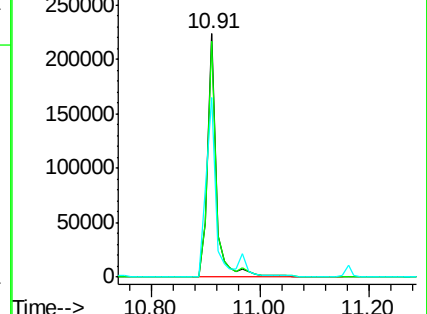
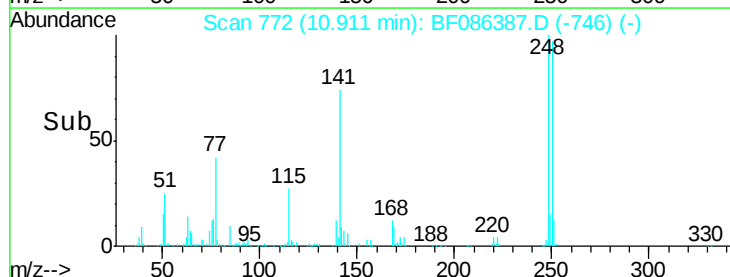
141 73.9 76.0 114.0#

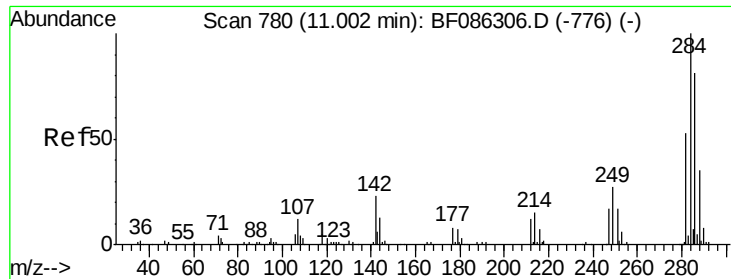


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.79 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

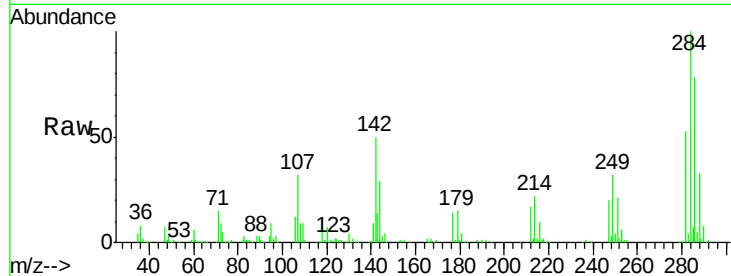
Tgt Ion:284 Resp: 253848

Ion Ratio Lower Upper

284 100

142 50.1 16.7 25.1#

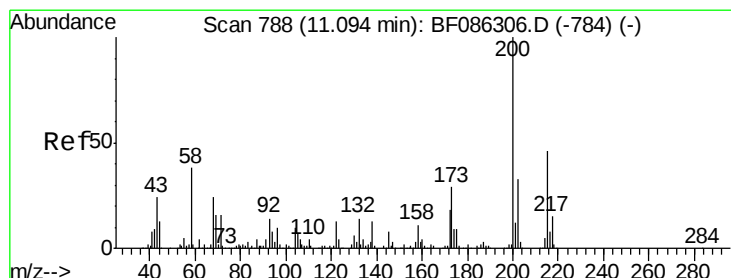
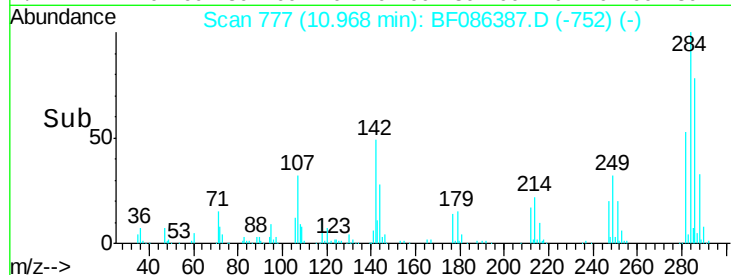
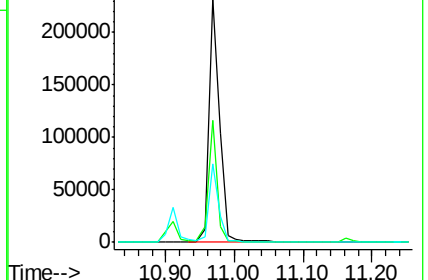
249 32.3 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.73 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

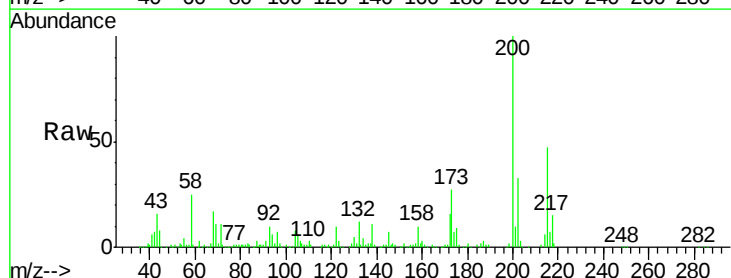
Tgt Ion:200 Resp: 256074

Ion Ratio Lower Upper

200 100

173 26.8 8.5 48.5

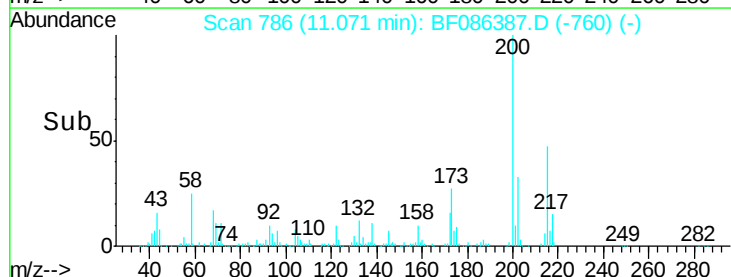
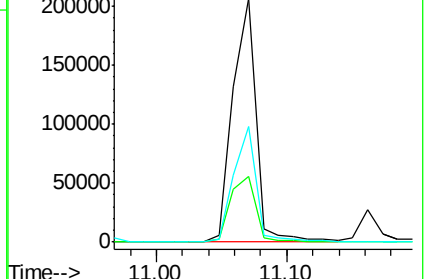
215 47.5 27.2 67.2

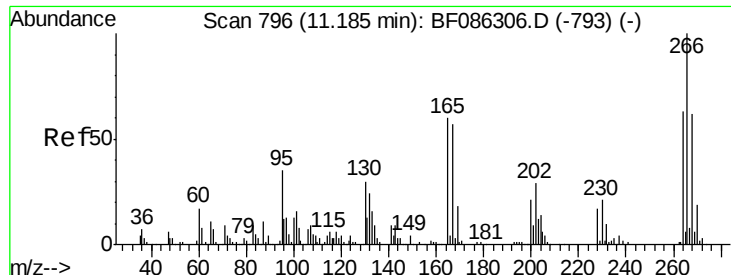


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

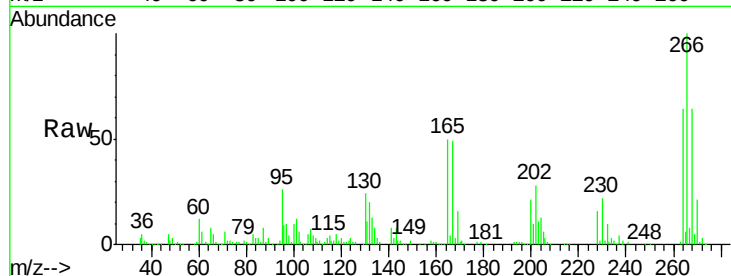




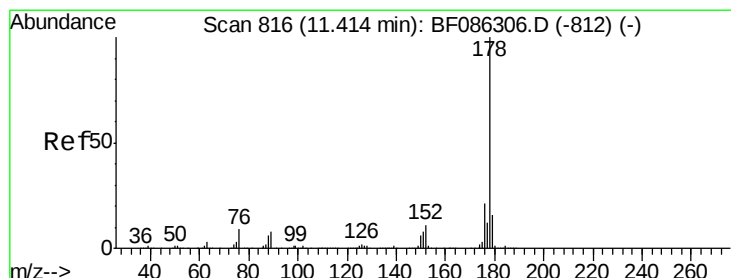
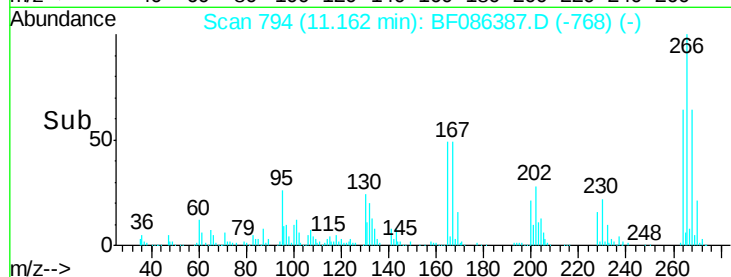
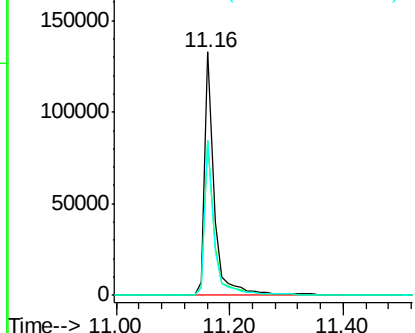
#69
 Pentachlorophenol
 Concen: 37.61 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 152381
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.5 77.3
 264 63.6 52.9 79.3

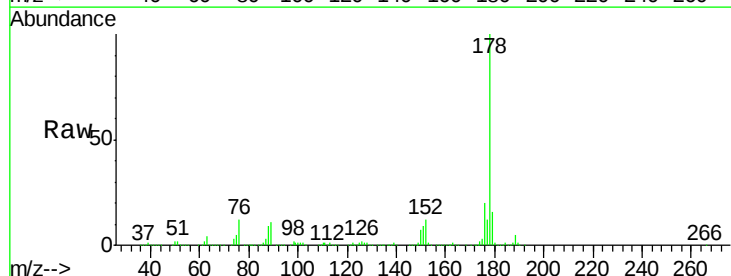


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

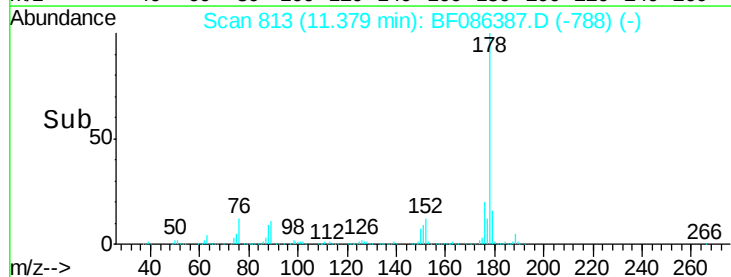
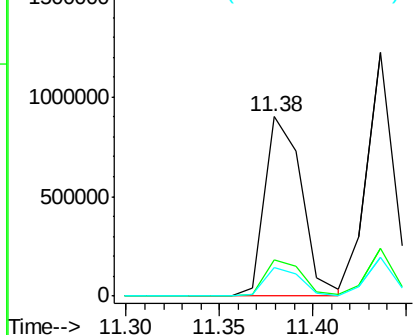


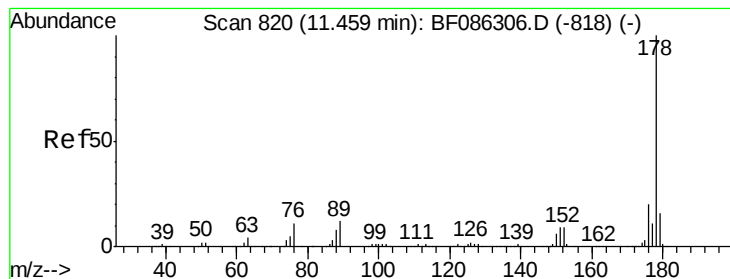
#70
 Phenanthrene
 Concen: 37.08 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion:178 Resp: 1230270
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.0 12.6 18.8



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





#71

Anthracene

Concen: 37.01 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

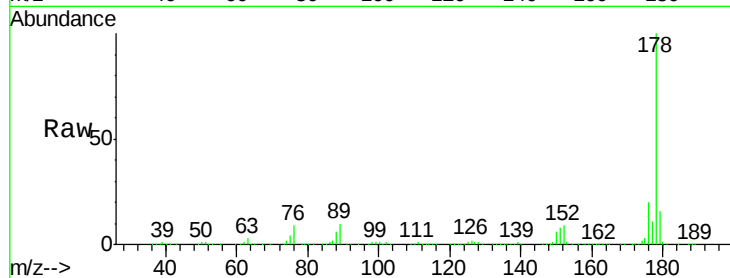
Tgt Ion:178 Resp: 1407195

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

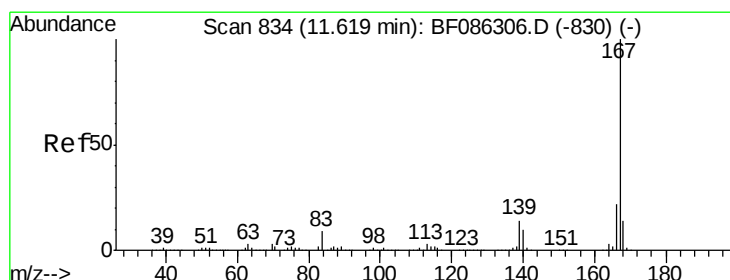
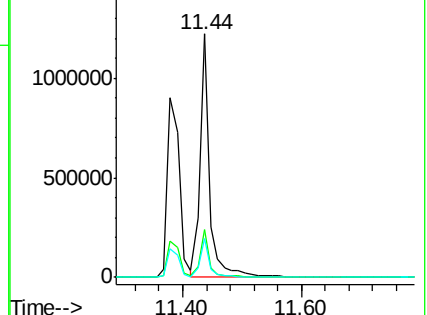
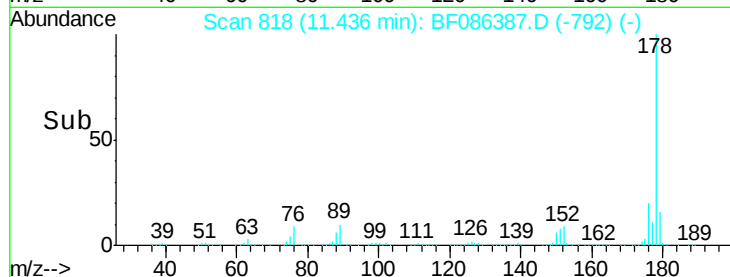
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.22 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

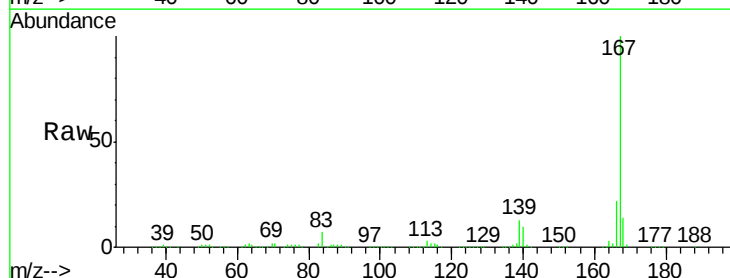
Tgt Ion:167 Resp: 1364640

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

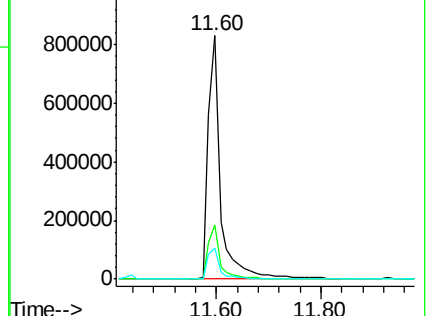
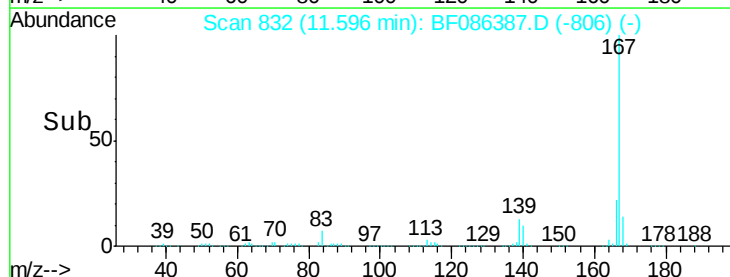
139 12.7 10.8 16.2

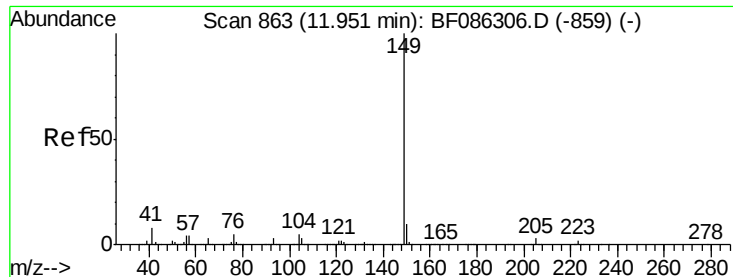


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.65 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

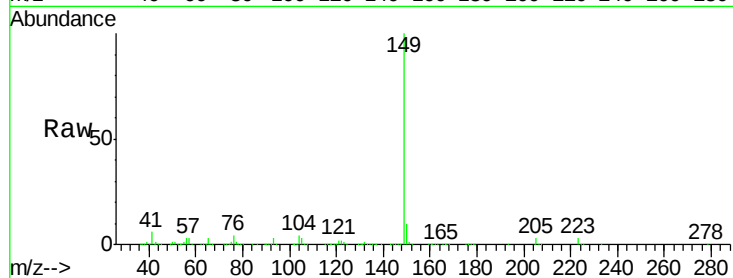
Tgt Ion:149 Resp: 1489396

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

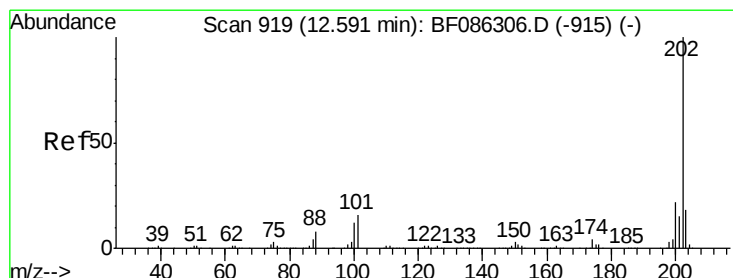
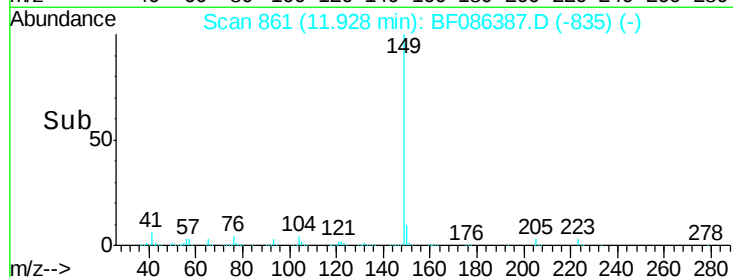
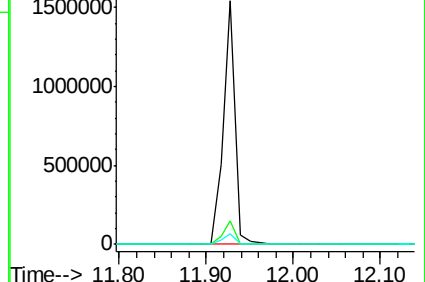
104 4.4 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.87 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

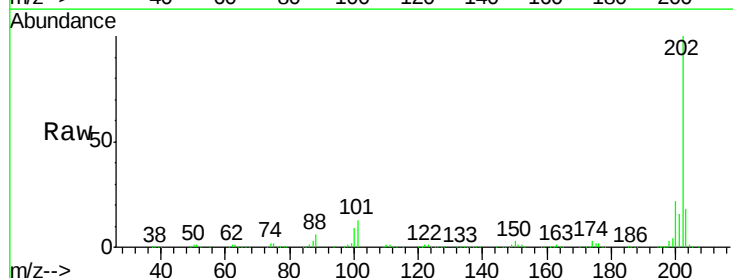
Tgt Ion:202 Resp: 1355204

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.4

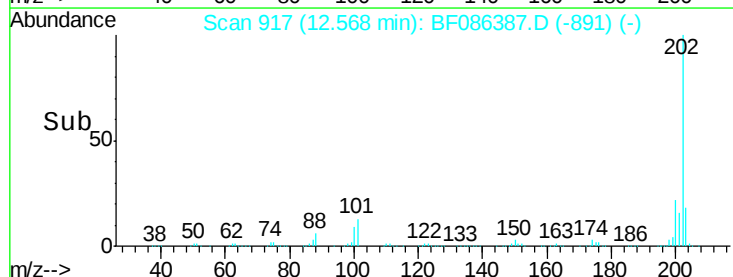
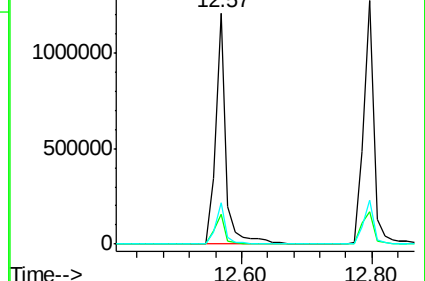
203 17.7 0.0 38.1

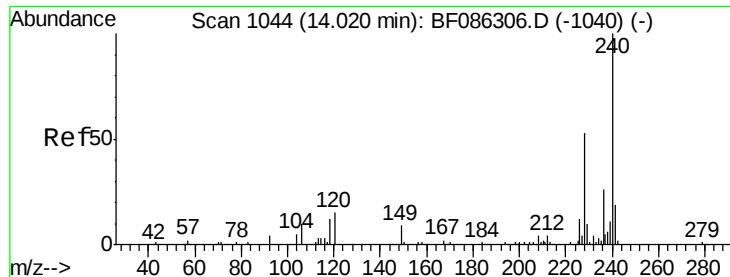


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

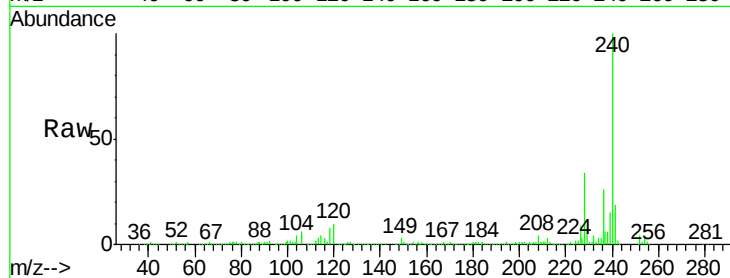
Tgt Ion:240 Resp: 451694

Ion Ratio Lower Upper

240 100

120 9.6 11.2 16.8#

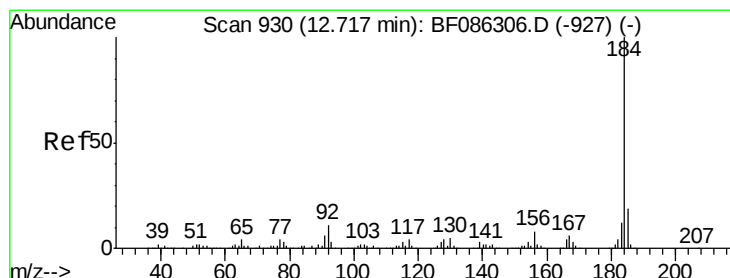
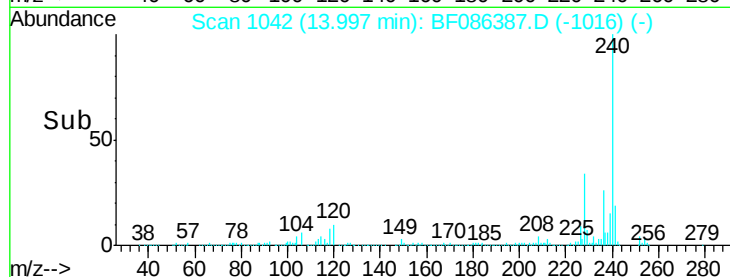
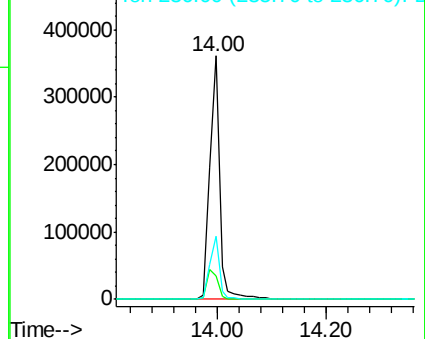
236 26.1 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.07 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

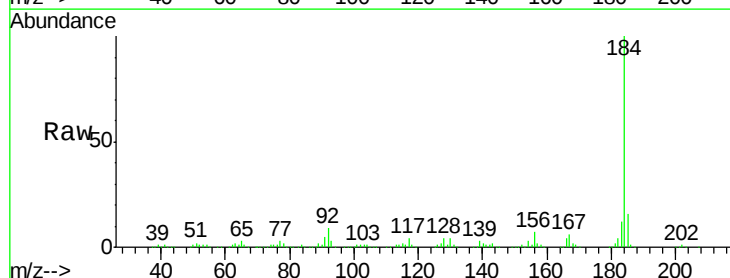
Tgt Ion:184 Resp: 779202

Ion Ratio Lower Upper

184 100

185 16.2 13.6 20.4

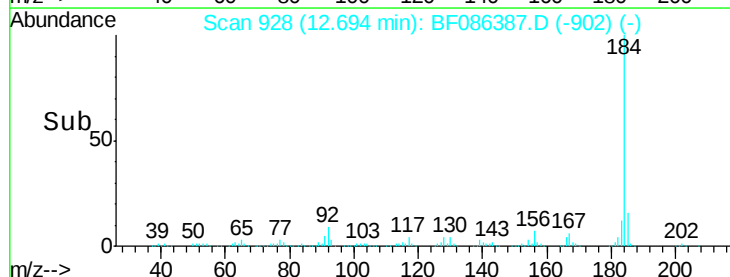
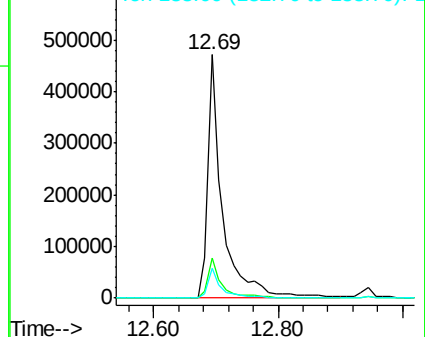
183 12.0 9.8 14.6

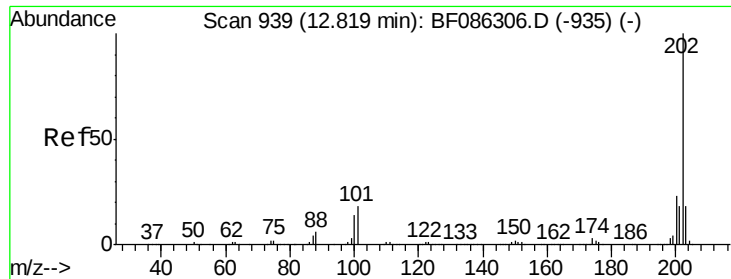


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

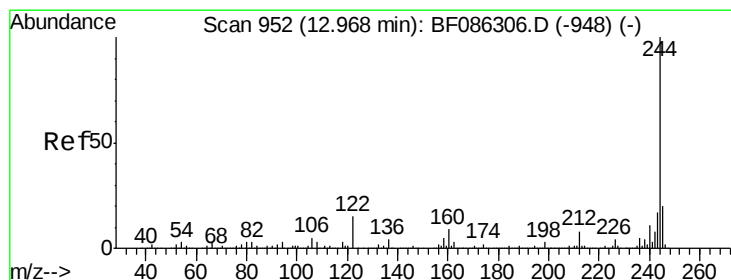
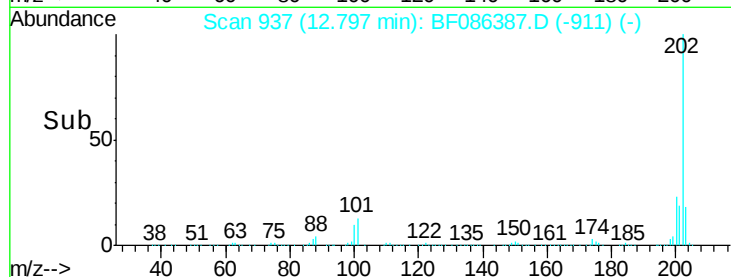
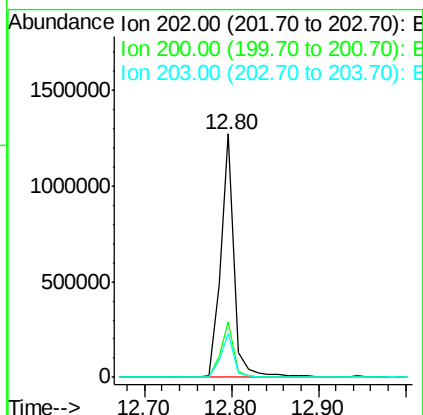
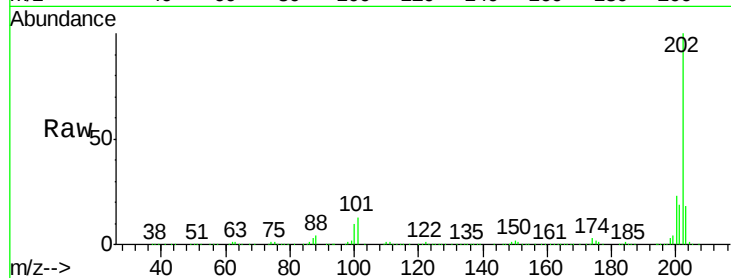




#77
 Pyrene
 Concen: 43.52 ng
 RT: 12.80 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

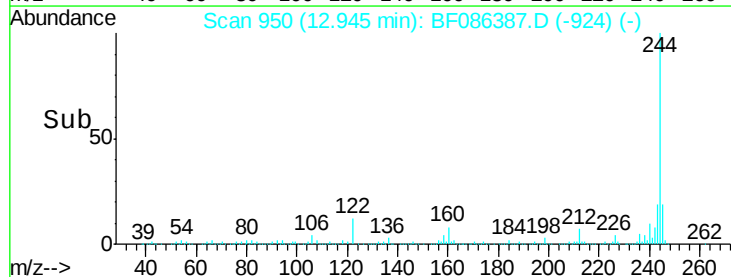
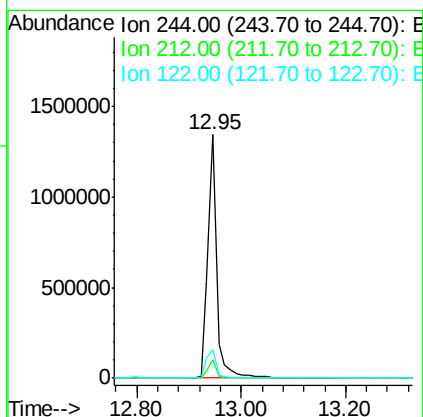
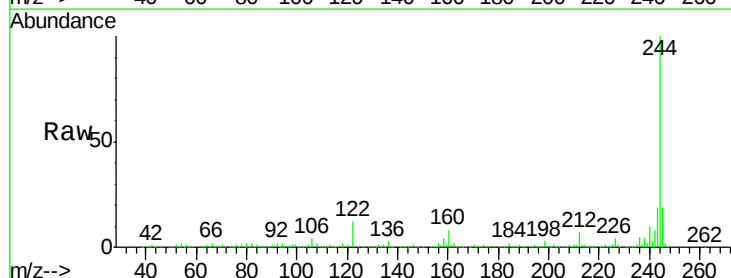
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

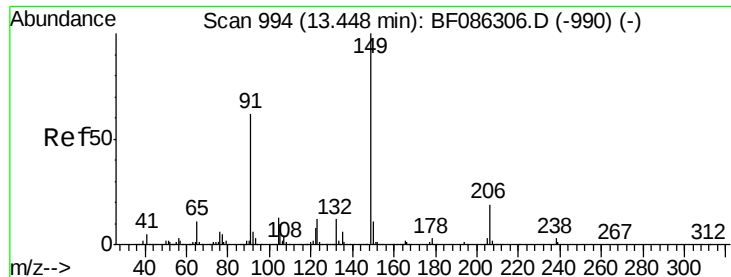
Tgt Ion: 202 Resp: 1370880
 Ion Ratio Lower Upper
 202 100
 200 22.7 17.7 26.5
 203 18.0 14.2 21.4



#78
 Terphenyl-d14
 Concen: 87.13 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion: 244 Resp: 1584051
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.7 12.0 18.0#

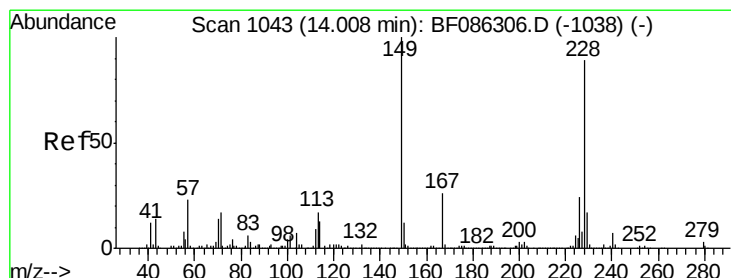
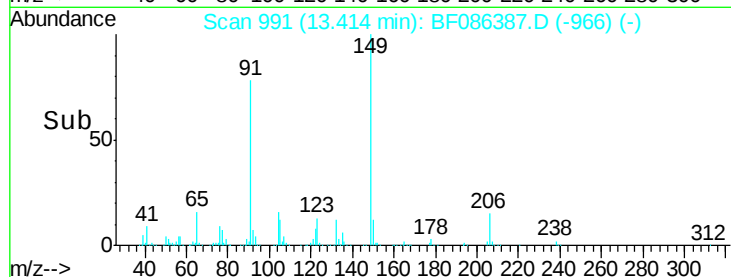
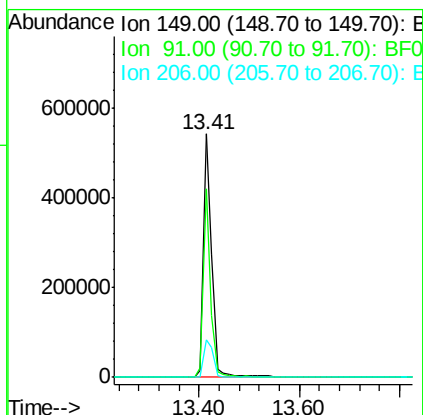
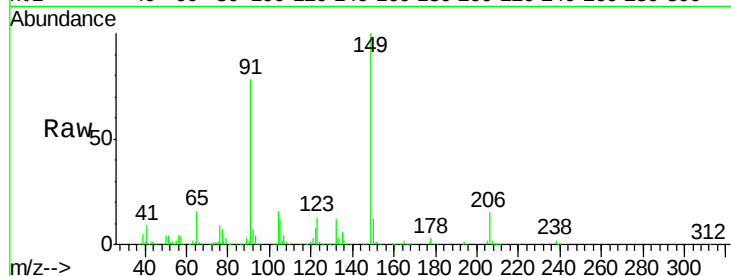




#79
Butylbenzylphthalate
Concen: 42.05 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

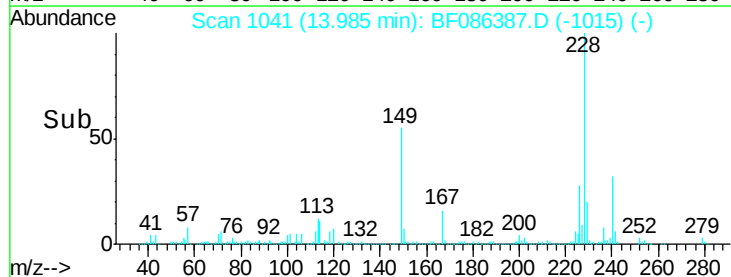
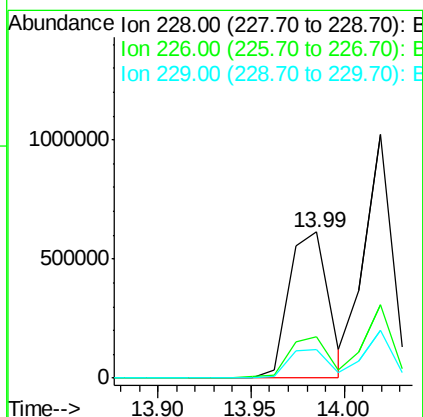
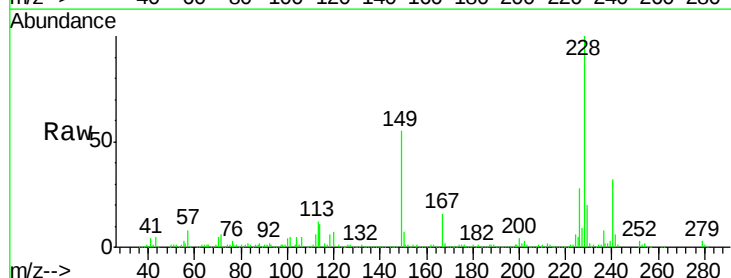
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

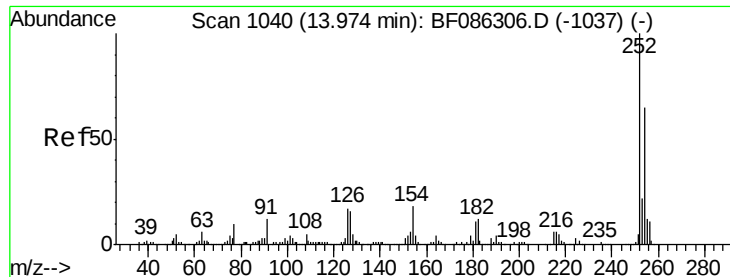
Tgt Ion:149 Resp: 617173
Ion Ratio Lower Upper
149 100
91 77.6 48.0 72.0#
206 15.4 15.8 23.6#



#80
Benzo(a)anthracene
Concen: 38.86 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion:228 Resp: 911158
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 19.6 16.6 25.0

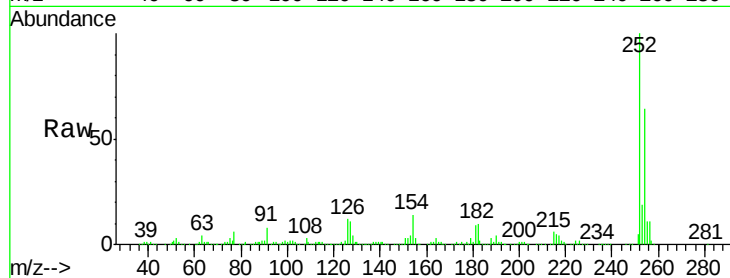




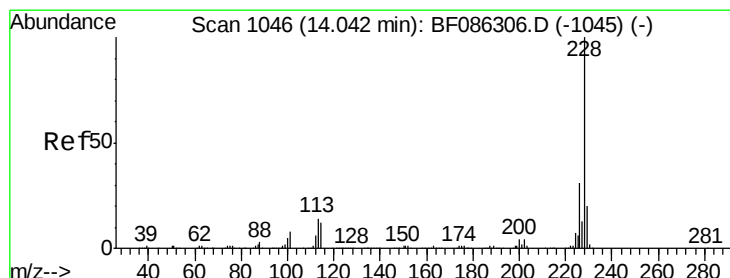
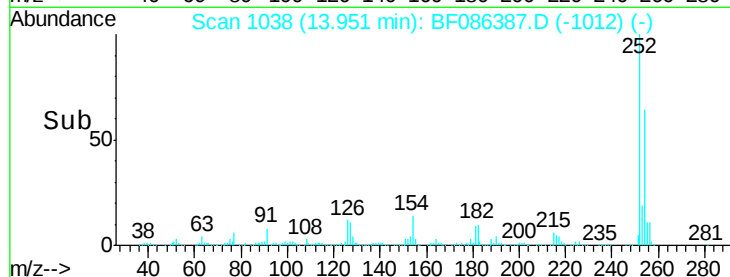
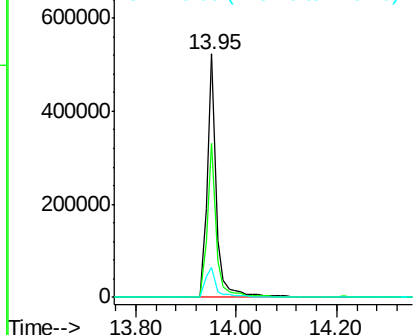
#81
 3,3'-Dichlorobenzidine
 Concen: 41.01 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 663276
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.7 76.1
 126 12.2 12.7 19.1#

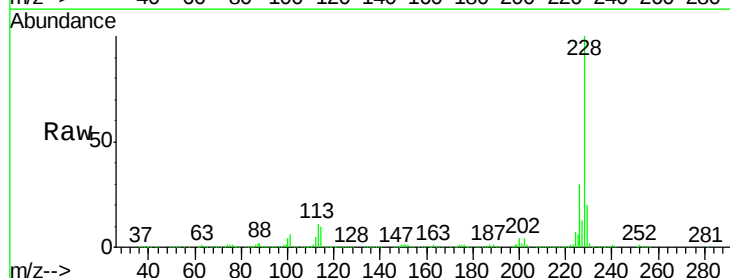


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

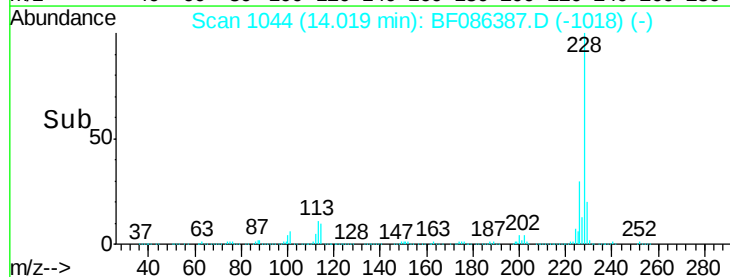
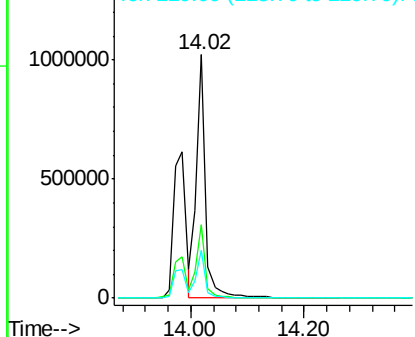


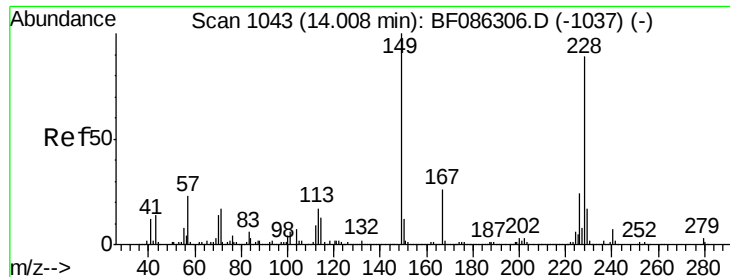
#82
 Chrysene
 Concen: 43.55 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion:228 Resp: 1150426
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.6 15.8 23.8



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

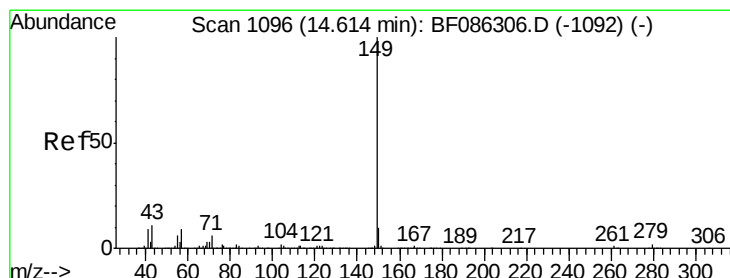
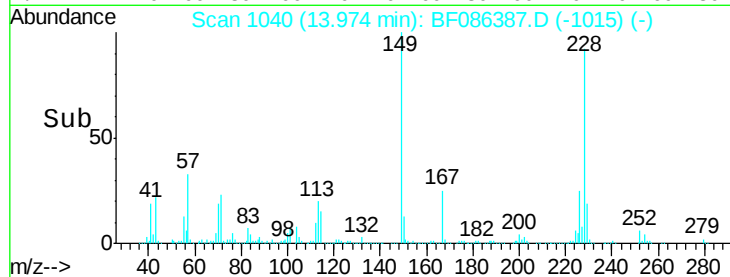
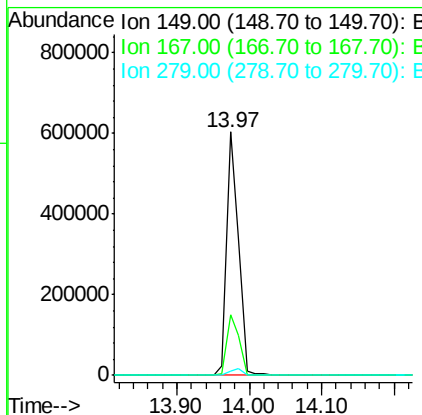
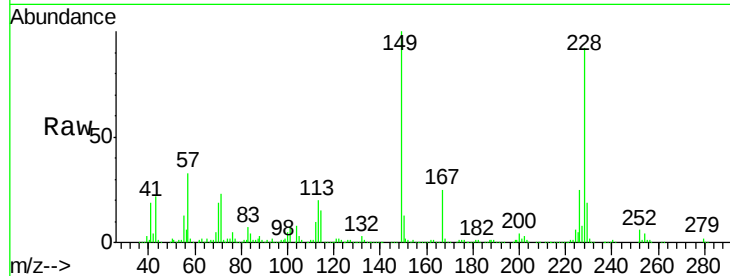




#83
Bis(2-ethylhexyl)phthalate
Concen: 41.67 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

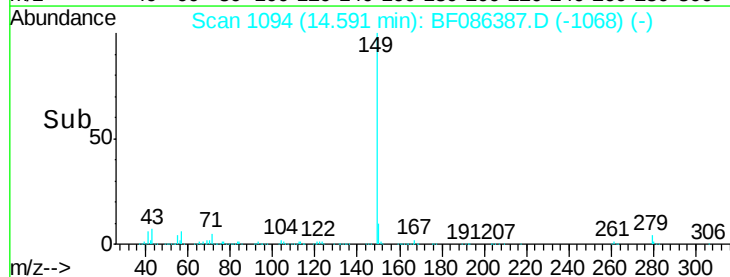
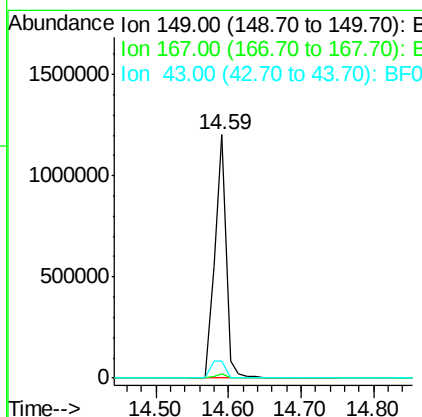
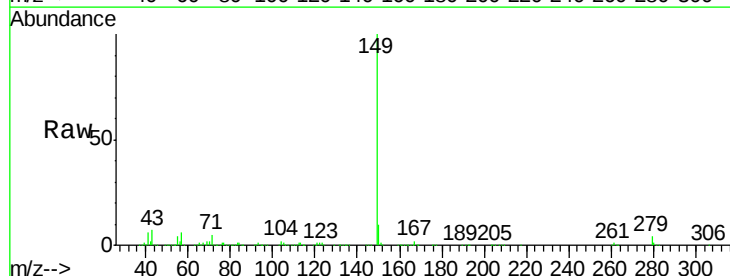
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

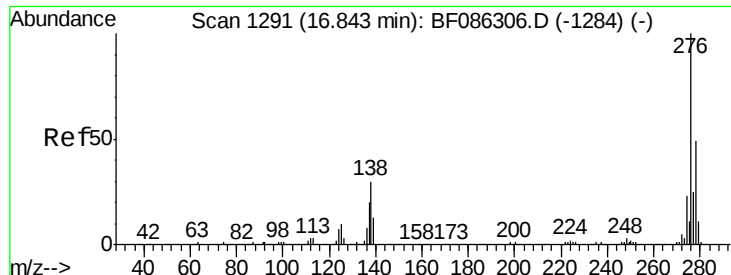
Tgt Ion:149 Resp: 684779
Ion Ratio Lower Upper
149 100
167 25.1 21.8 32.6
279 1.9 2.6 4.0#



#84
Di-n-octyl phthalate
Concen: 41.24 ng
RT: 14.59 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion:149 Resp: 1300925
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.2 12.4

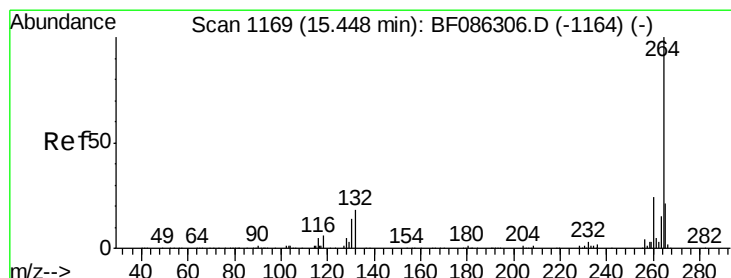
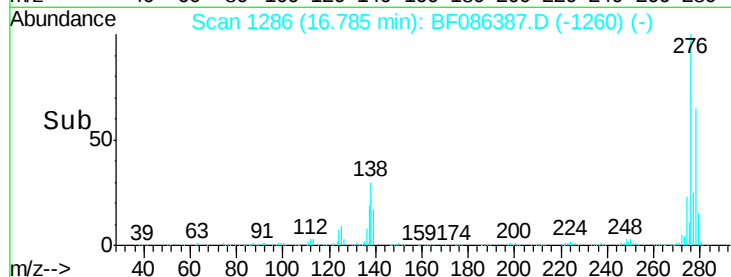
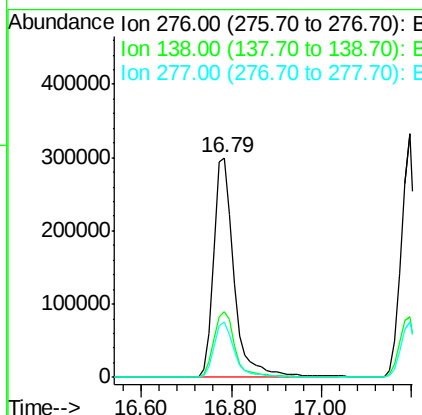
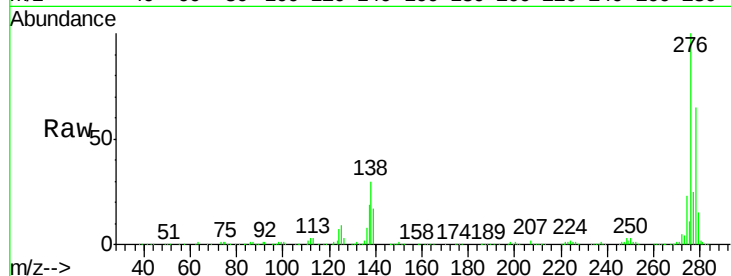




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.53 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

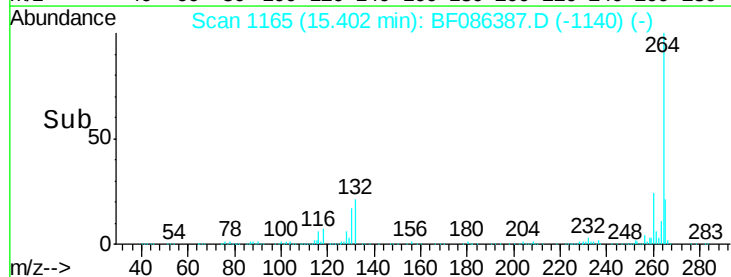
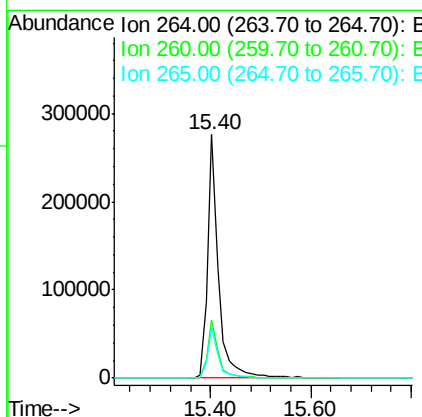
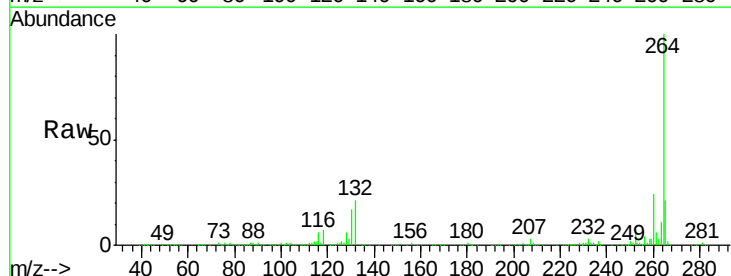
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

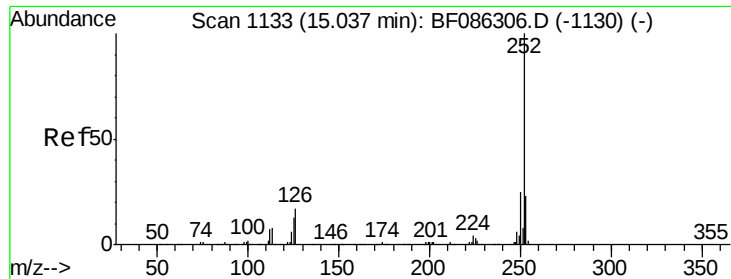
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	25.6	38.4
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086387.D
 Acq: 23 Apr 2016 13:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.7	17.3	25.9

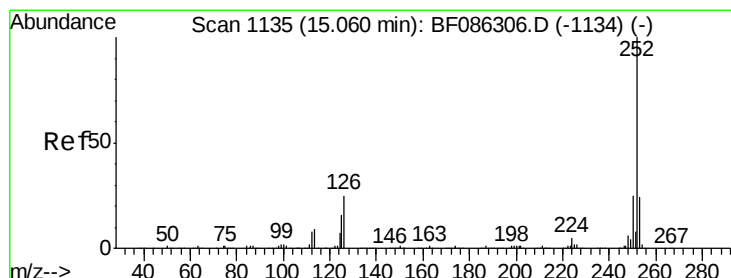
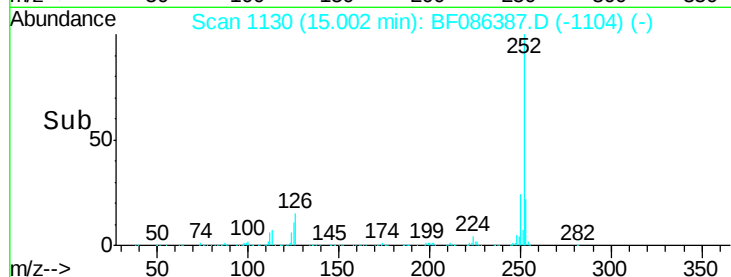
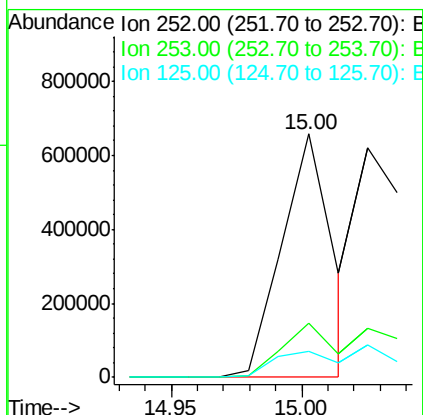
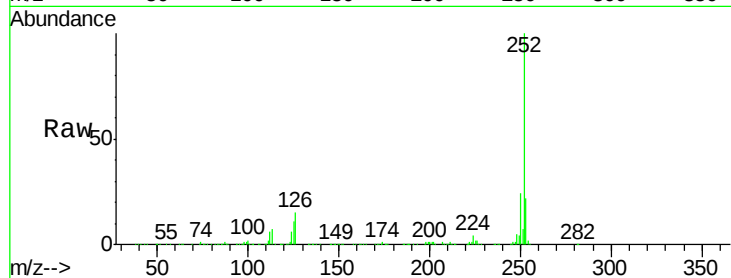




#87
Benzo(b)fluoranthene
Concen: 38.37 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

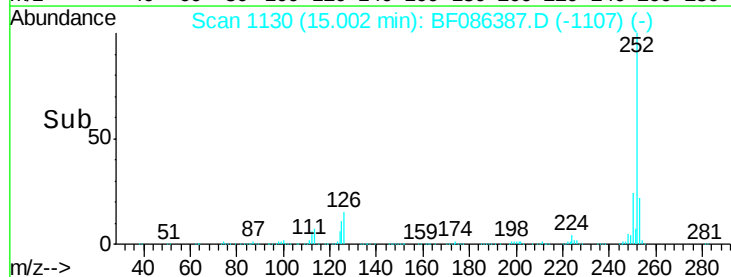
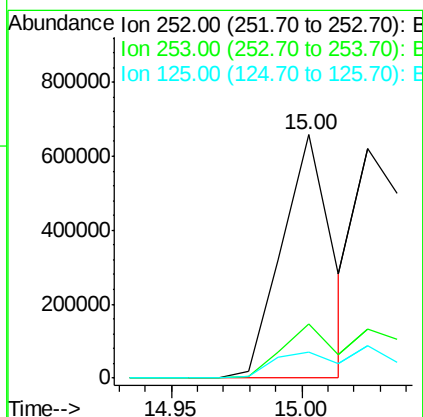
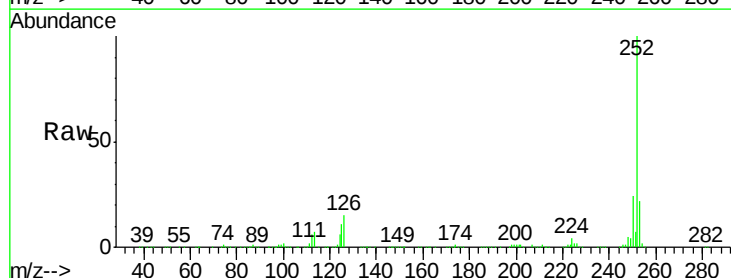
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

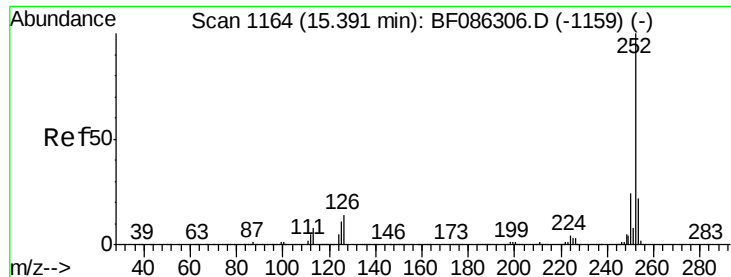
Tgt Ion:252 Resp: 877129
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.8 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 39.09 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion:252 Resp: 877129
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.8 9.1 13.7

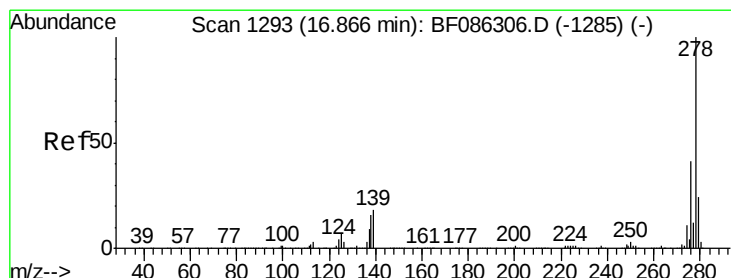
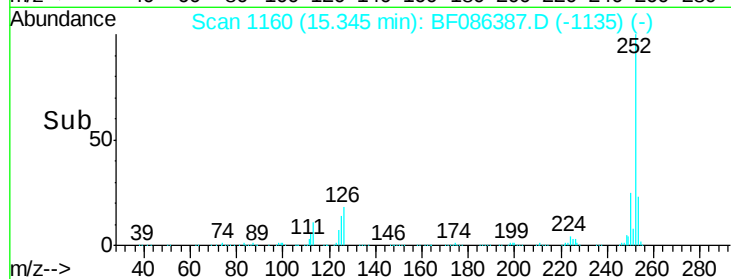
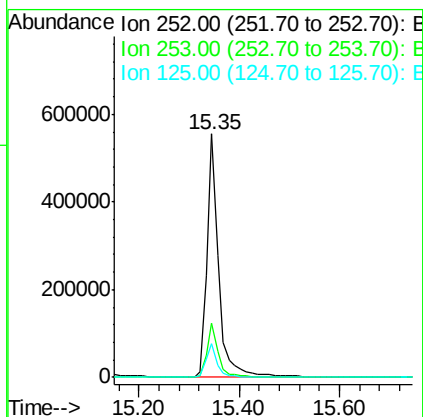
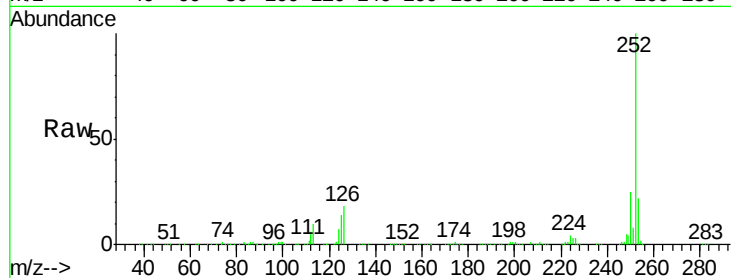




#89
Benzo(a)pyrene
Concen: 39.14 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

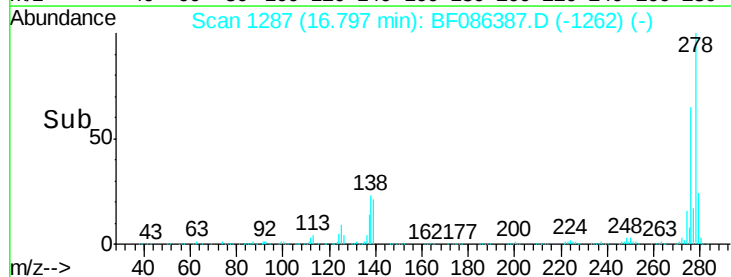
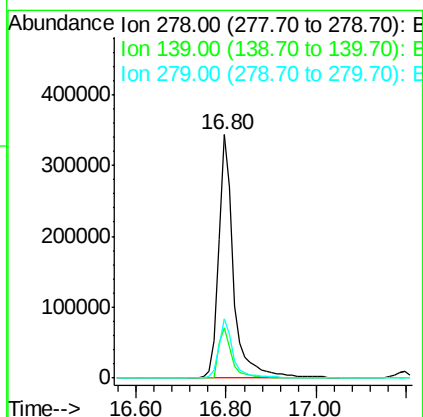
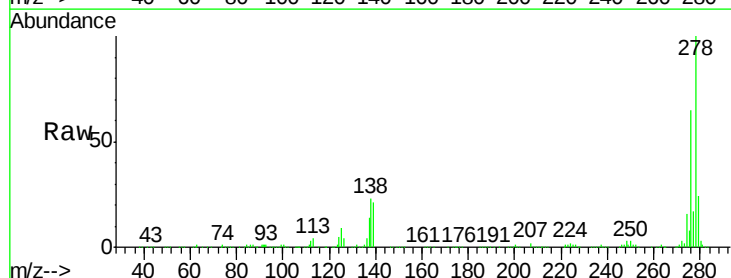
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

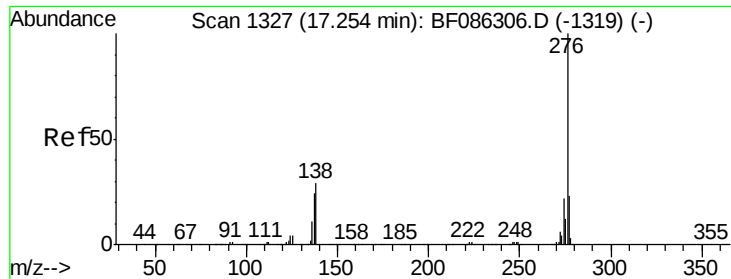
Tgt Ion: 252 Resp: 882713
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 14.0 9.0 13.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.61 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF086387.D
Acq: 23 Apr 2016 13:08

Tgt Ion: 278 Resp: 792786
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 24.2 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 42.43 ng

RT: 17.20 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF086387.D

Acq: 23 Apr 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

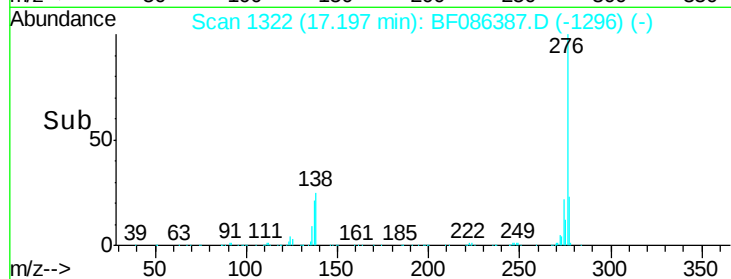
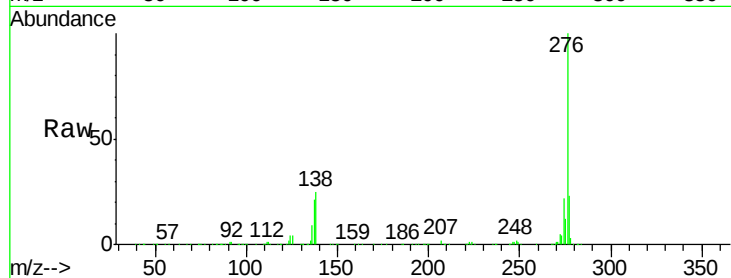
Tgt Ion: 276 Resp: 814880

Ion Ratio Lower Upper

276 100

277 22.9 19.6 29.4

138 24.7 23.6 35.4



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

