

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086356.D
 Acq On : 22 Apr 2016 20:53
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 22 23:21:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 23:16:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	170750	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	746903	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	358540	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	685971	20.00	ng	0.00
75) Chrysene-d12	14.00	240	520506	20.00	ng	0.00
86) Perylene-d12	15.41	264	489106	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	801780	81.91	ng	0.00
7) Phenol-d6	6.48	99	1078301	83.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	1010747	77.58	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	257362	90.13	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1623752	75.16	ng	0.00
78) Terphenyl-d14	12.95	244	1491094	69.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	208145	39.45	ng	100
3) Pyridine	3.13	79	559756	40.85	ng	100
4) n-Nitrosodimethylamine	3.07	42	193446	41.52	ng	100
6) Aniline	6.50	93	684132	39.85	ng	100
8) 2-Chlorophenol	6.62	128	470833	40.29	ng	100
9) Benzaldehyde	6.38	77	349057	38.83	ng	100
10) Phenol	6.49	94	649966	43.79	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	520159	40.55	ng	100
12) 1,3-Dichlorobenzene	6.78	146	515144	40.38	ng	100
13) 1,4-Dichlorobenzene	6.86	146	545837	39.93	ng	100
14) 1,2-Dichlorobenzene	7.01	146	498034	40.86	ng	100
15) Benzyl Alcohol	6.99	79	329929	41.49	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	696900	39.05	ng	100
17) 2-Methylphenol	7.10	107	397284	40.85	ng	100
18) Hexachloroethane	7.36	117	181287	44.29	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	318606	40.99	ng	100
20) 3+4-Methylphenols	7.25	107	419179	39.62	ng	100
22) Acetophenone	7.25	105	593543	37.67	ng	100
24) Nitrobenzene	7.42	77	517649	37.19	ng	100
25) Isophorone	7.66	82	906677	36.82	ng	100
26) 2-Nitrophenol	7.74	139	280441	44.81	ng	100
27) 2,4-Dimethylphenol	7.79	122	441548	36.31	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	534569	37.43	ng	100
29) 2,4-Dichlorophenol	7.98	162	397656	41.10	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	396635	38.15	ng	100
31) Naphthalene	8.16	128	1472085	41.12	ng	100
32) Benzoic acid	7.90	122	292001	40.43	ng	100
33) 4-Chloroaniline	8.20	127	619420	41.77	ng	100
34) Hexachlorobutadiene	8.27	225	190767	36.46	ng	100
35) Caprolactam	8.57	113	133853	42.78	ng	100
36) 4-Chloro-3-methylphenol	8.68	107	467655	42.71	ng	100
37) 2-Methylnaphthalene	8.84	142	874040	39.56	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	354628	37.31	ng	100
40) Hexachlorocyclopentadiene	8.99	237	182437	78.57	ng	100

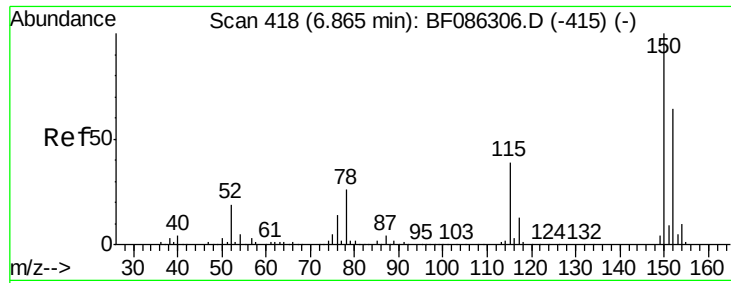
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086356.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	248982	37.80	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	284444	39.40	ng	100
45) 1,1'-Biphenyl	9.31	154	1065496	37.98	ng	100
46) 2-Chloronaphthalene	9.33	162	866868	40.68	ng	100
47) 2-Nitroaniline	9.42	65	289618	40.01	ng	100
48) Acenaphthylene	9.74	152	1421645	42.21	ng	100
49) Dimethylphthalate	9.61	163	1004899	36.80	ng	100
50) 2,6-Dinitrotoluene	9.66	165	224120	39.86	ng	100
51) Acenaphthene	9.92	154	874199	43.82	ng	100
52) 3-Nitroaniline	9.84	138	291988	40.75	ng	100
53) 2,4-Dinitrophenol	9.94	184	122260	93.27	ng	100
54) Dibenzofuran	10.09	168	1118373	41.74	ng	100
55) 4-Nitrophenol	10.00	139	204209	44.90	ng	100
56) 2,4-Dinitrotoluene	10.06	165	295373	41.88	ng	100
57) Fluorene	10.43	166	901838	44.81	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	213588	43.74	ng	100
59) Diethylphthalate	10.30	149	966633	36.43	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	374281	40.54	ng	100
61) 4-Nitroaniline	10.45	138	304058	44.41	ng	100
62) Azobenzene	10.58	77	1000909	38.12	ng	100
64) 4,6-Dinitro-2-methylphenol	10.48	198	171187	75.39	ng	100
65) n-Nitrosodiphenylamine	10.54	169	796856	35.92	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	249835	34.29	ng	100
67) Hexachlorobenzene	10.98	284	266762	36.37	ng	100
68) Atrazine	11.07	200	259137	37.65	ng	100
69) Pentachlorophenol	11.16	266	166823	42.54	ng	100
70) Phenanthrene	11.39	178	1304646	40.09	ng	100
71) Anthracene	11.44	178	1411742	40.16	ng	100
72) Carbazole	11.60	167	1430768	42.72	ng	100
73) Di-n-butylphthalate	11.93	149	1449604	34.97	ng	100
74) Fluoranthene	12.57	202	1340718	43.29	ng	100
76) Benzidine	12.69	184	856937	37.34	ng	100
77) Pyrene	12.80	202	1337703	34.95	ng	100
79) Butylbenzylphthalate	13.43	149	692841	34.80	ng	100
80) Benzo(a)anthracene	13.99	228	1064582	38.96	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	731616	38.47	ng	100
82) Chrysene	14.02	228	1090490	36.72	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	730477	31.61	ng	100
84) Di-n-octyl phthalate	14.59	149	1413824	33.63	ng	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	990641	33.38	ng	100
87) Benzo(b)fluoranthene	15.04	252	2161247	74.35	ng	97
88) Benzo(k)fluoranthene	15.04	252	2165007	92.09	ng	100
89) Benzo(a)pyrene	15.36	252	1023847	39.22	ng	100
90) Dibenzo(a,h)anthracene	16.81	278	818330	36.40	ng	100
91) Benzo(g,h,i)perylene	17.20	276	832584	38.33	ng	100

(#) = 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: BF086356.D

Acq: 22 Apr 2016 20:53

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SSTDICCC040

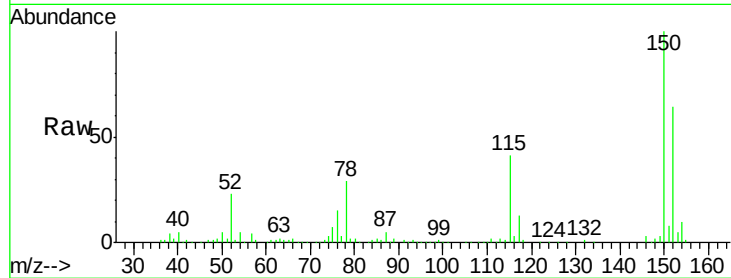
Tgt Ion:152 Resp: 170750

Ion Ratio Lower Upper

152 100

150 157.2 125.8 188.6

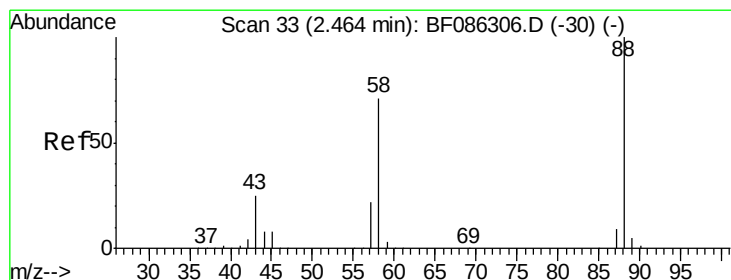
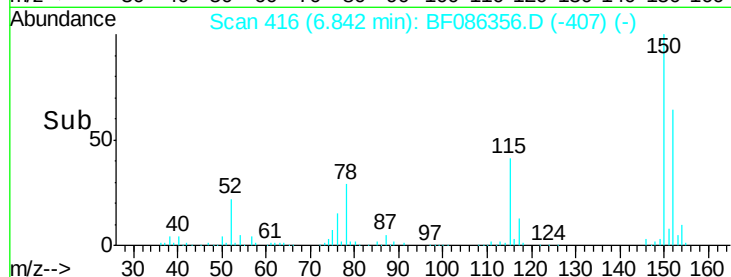
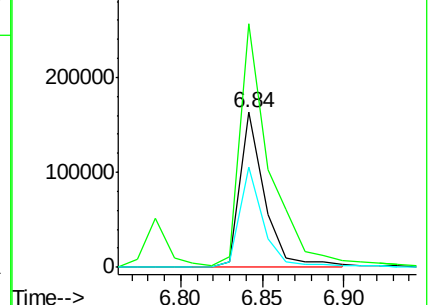
115 64.4 51.5 77.3



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: 39.45 ng

RT: 2.41 min Scan# 28

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

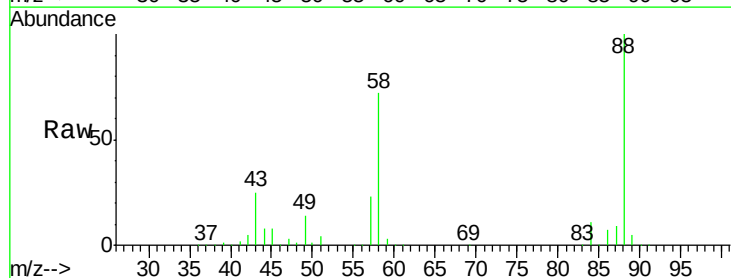
Tgt Ion: 88 Resp: 208145

Ion Ratio Lower Upper

88 100

58 74.5 59.6 89.4

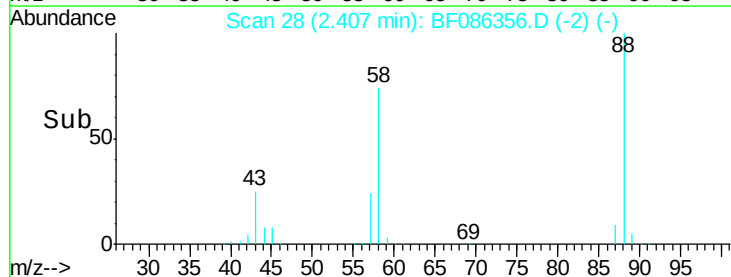
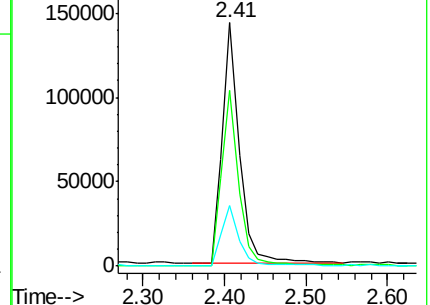
43 27.2 21.8 32.6

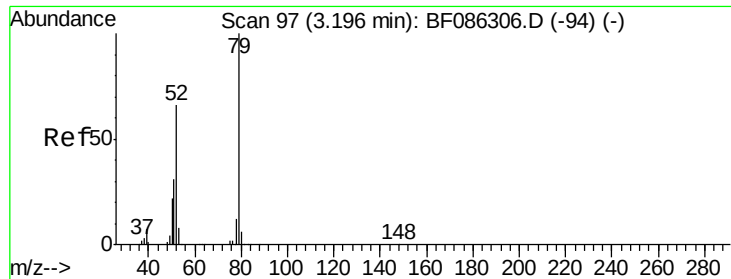


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.85 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

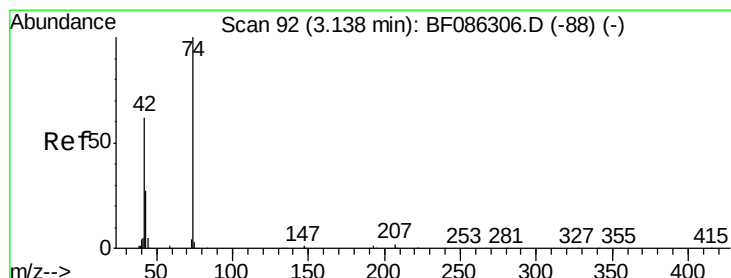
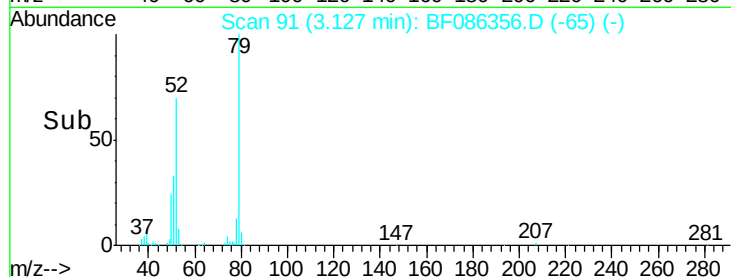
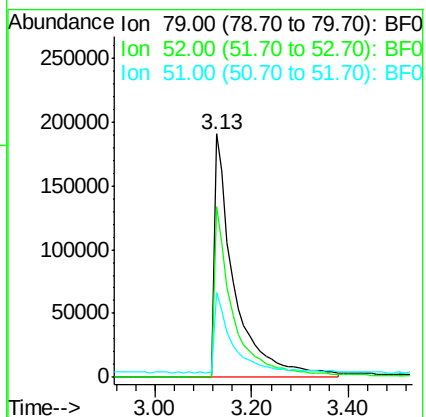
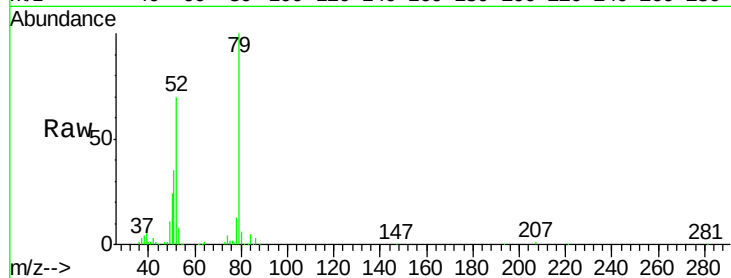
Tgt Ion: 79 Resp: 559756

Ion Ratio Lower Upper

79 100

52 69.9 55.9 83.9

51 35.1 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 41.52 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

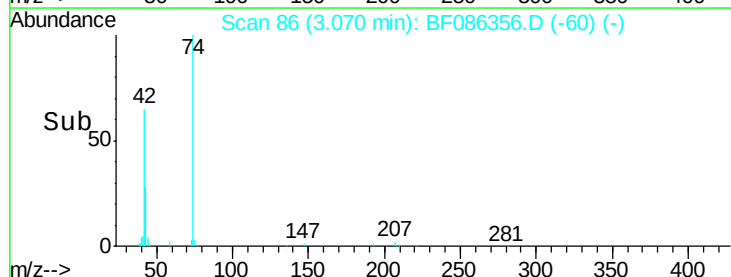
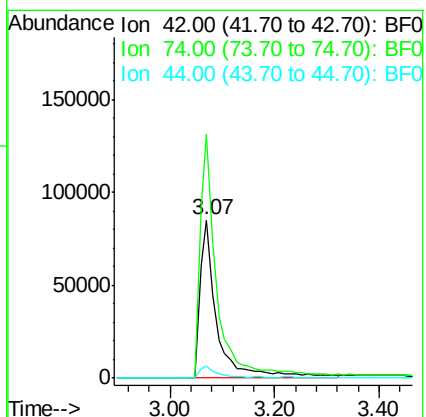
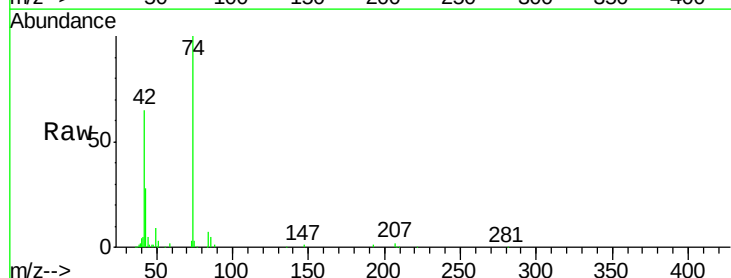
Tgt Ion: 42 Resp: 193446

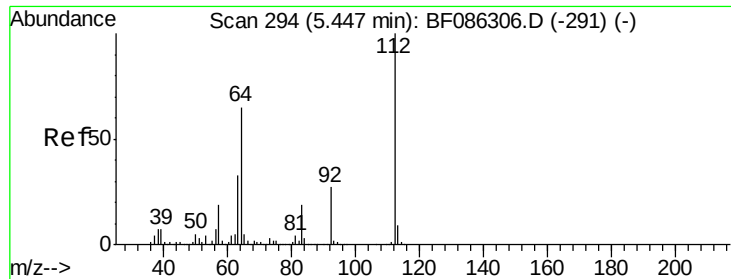
Ion Ratio Lower Upper

42 100

74 154.2 123.4 185.0

44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 81.91 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

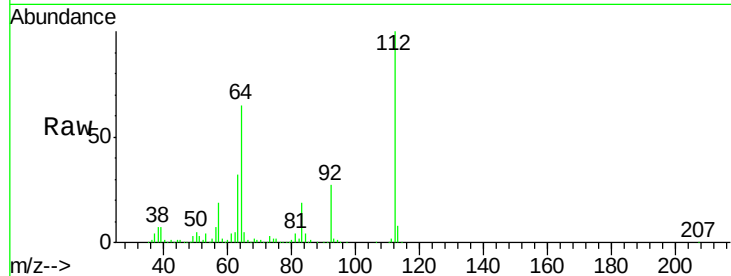
Tgt Ion: 112 Resp: 801780

Ion Ratio Lower Upper

112 100

64 65.1 52.1 78.1

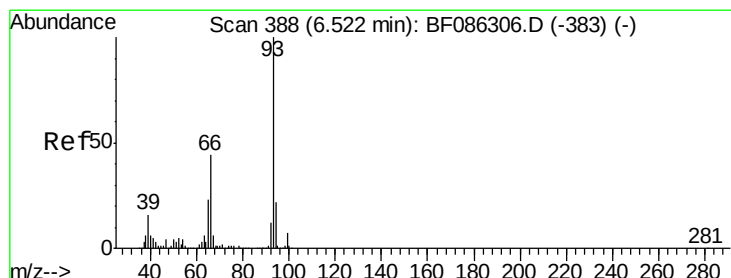
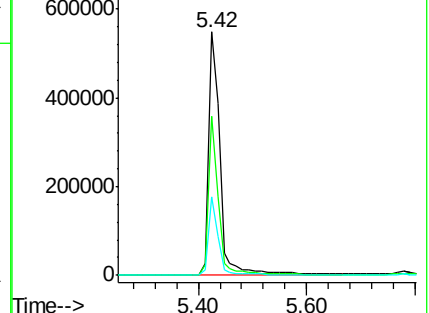
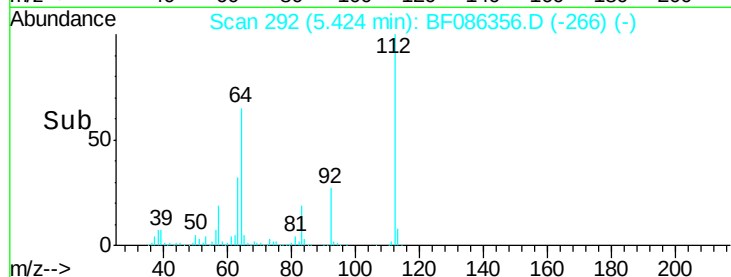
63 32.1 25.7 38.5



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: 39.85 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

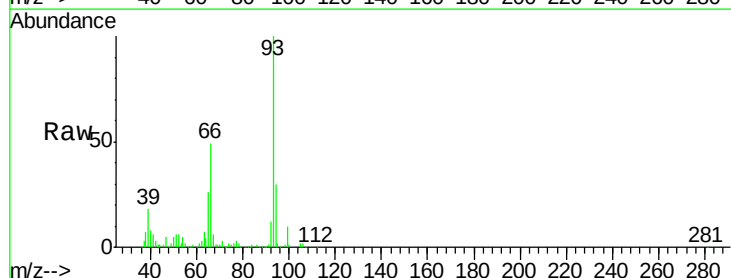
Tgt Ion: 93 Resp: 684132

Ion Ratio Lower Upper

93 100

66 48.8 39.0 58.6

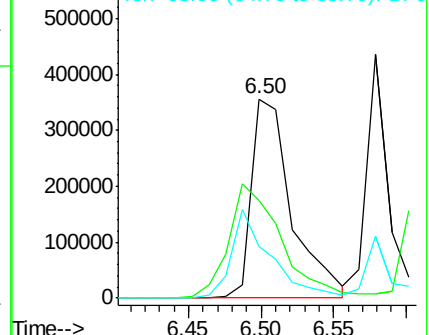
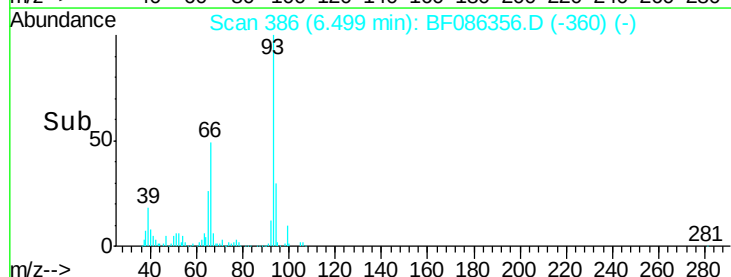
65 25.8 20.6 31.0

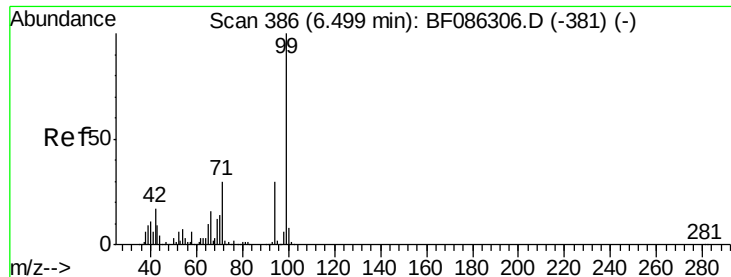


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.62 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

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ClientSampleId :

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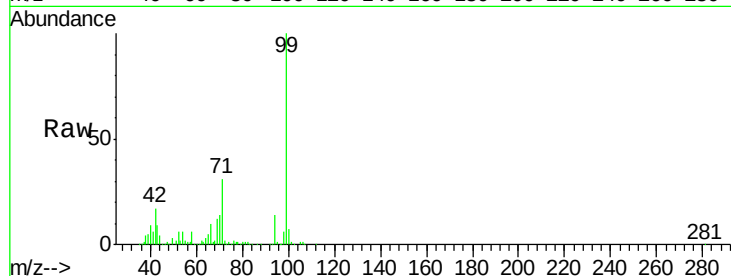
Tgt Ion: 99 Resp: 1078301

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

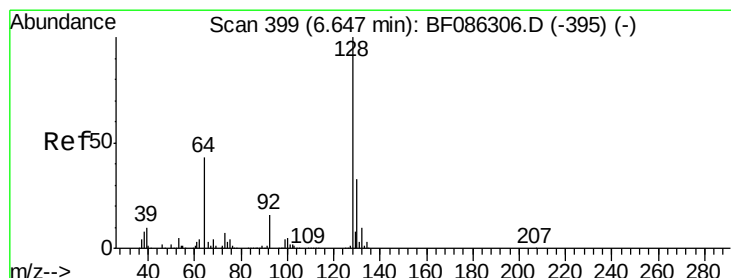
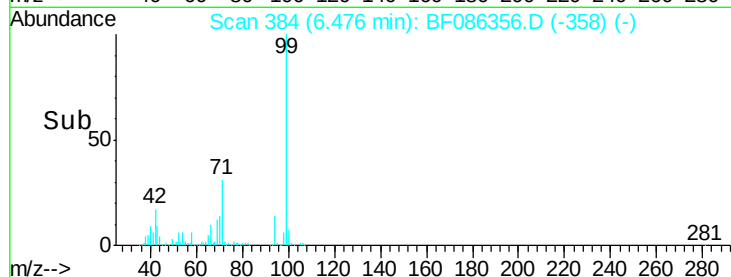
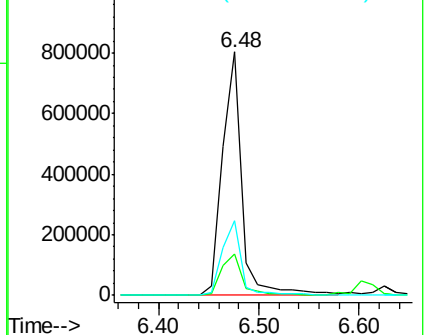
71 30.7 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.29 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

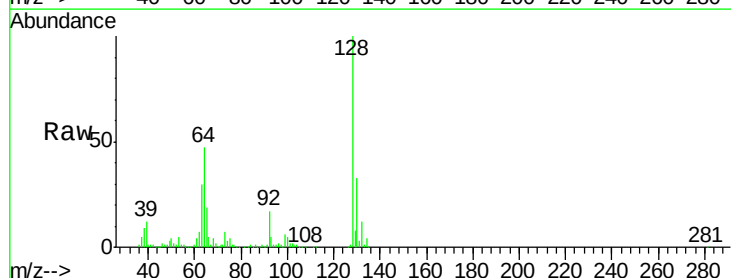
Tgt Ion: 128 Resp: 470833

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

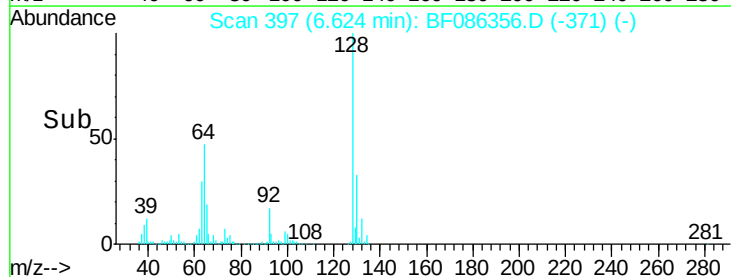
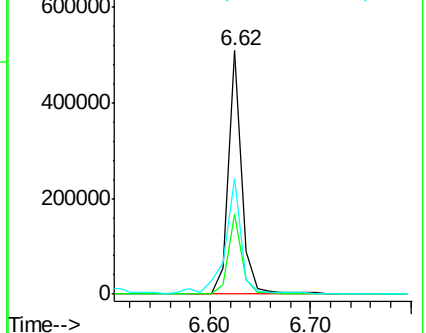
64 47.3 27.3 67.3

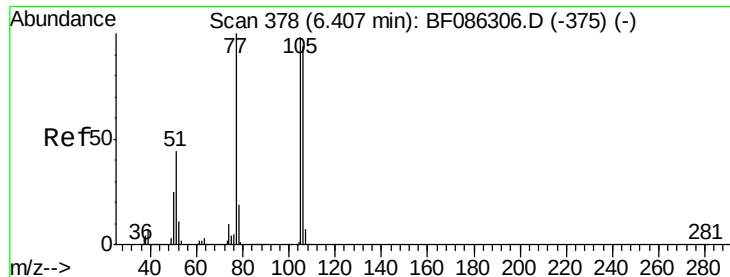


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.83 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

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ClientSampleId :

SSTDICCC040

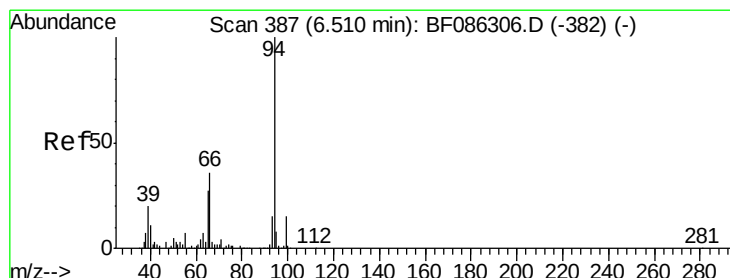
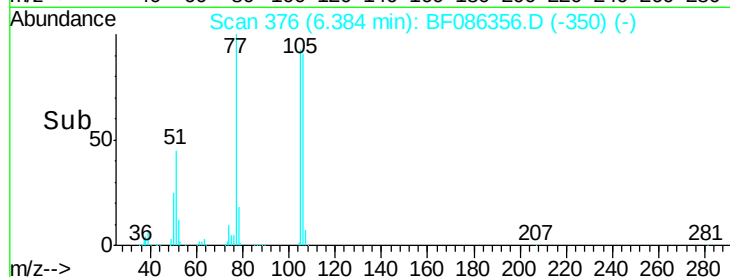
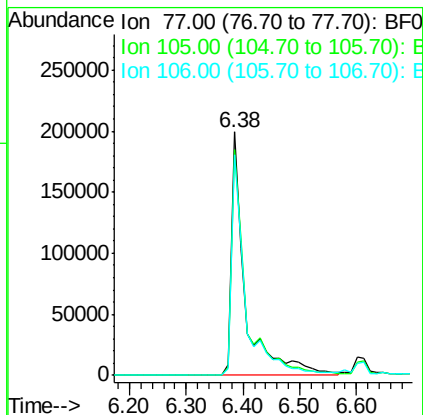
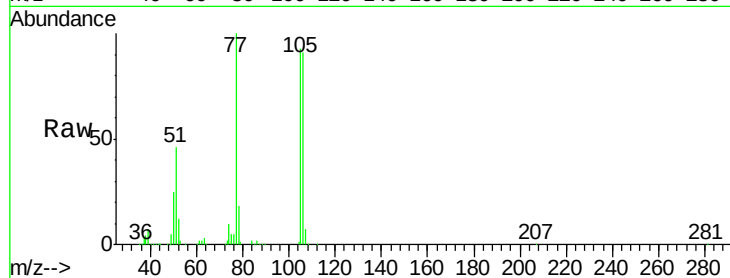
Tgt Ion: 77 Resp: 349057

Ion Ratio Lower Upper

77 100

105 92.7 72.7 112.7

106 90.8 70.8 110.8



#10

Phenol

Concen: 43.79 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

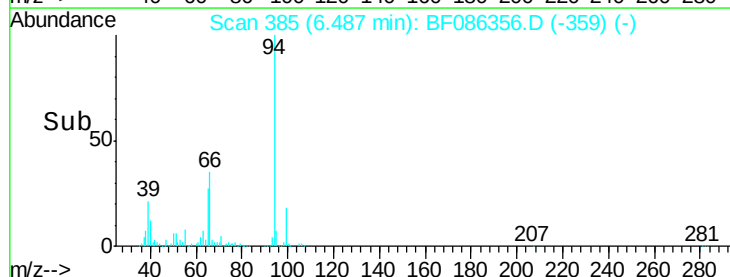
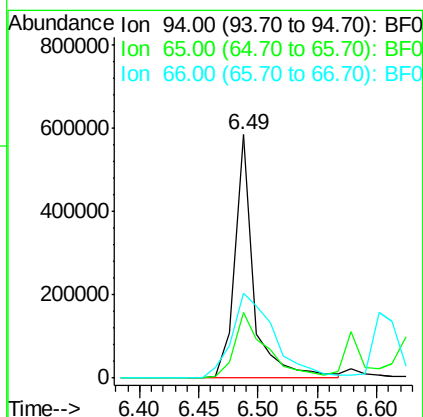
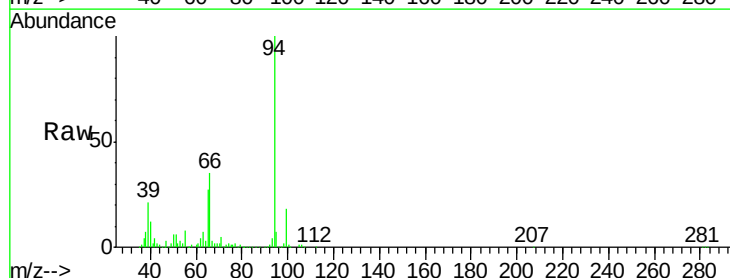
Tgt Ion: 94 Resp: 649966

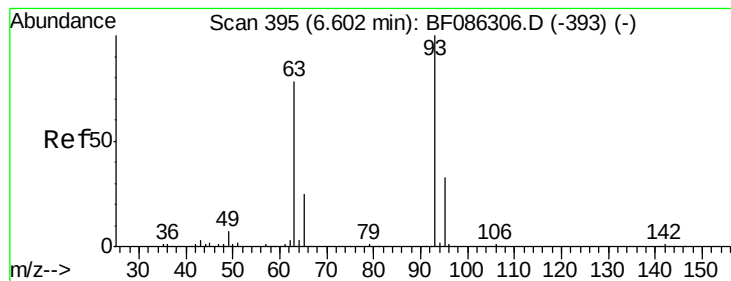
Ion Ratio Lower Upper

94 100

65 27.2 7.2 47.2

66 34.9 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 40.55 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

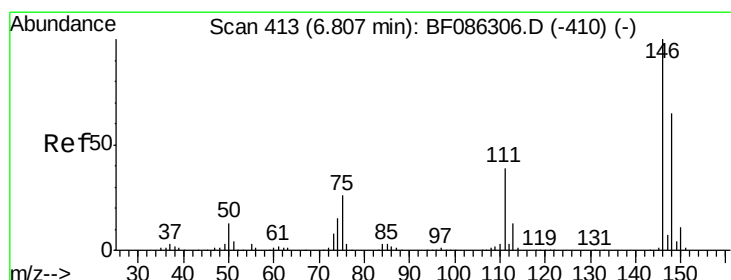
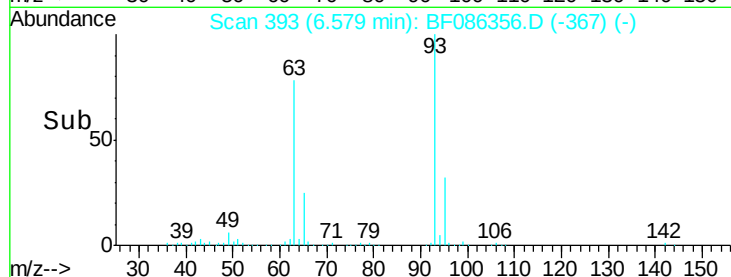
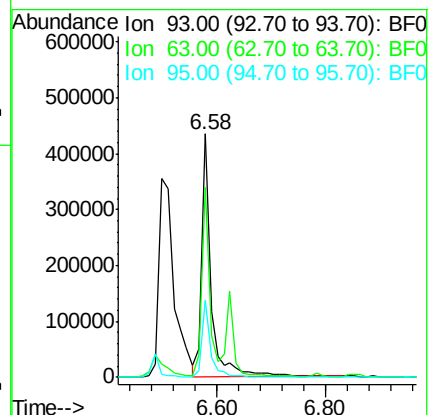
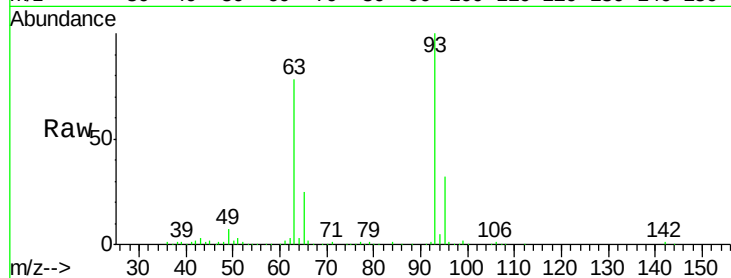
Tgt Ion: 93 Resp: 520159

Ion Ratio Lower Upper

93 100

63 78.0 58.0 98.0

95 31.9 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 40.38 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

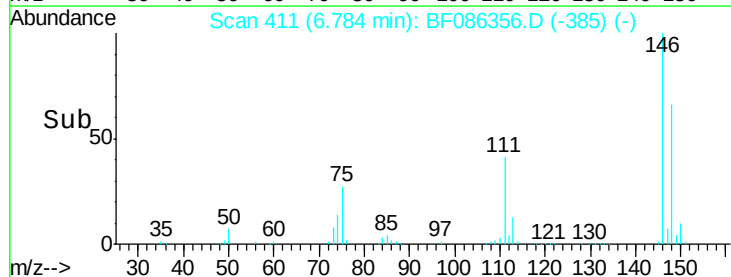
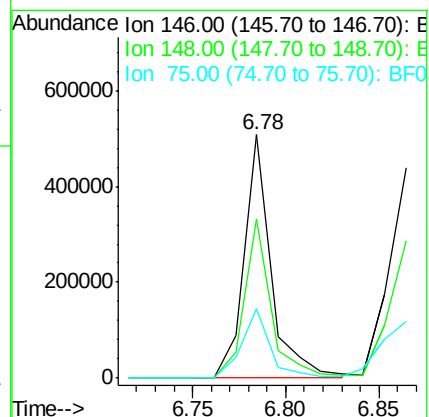
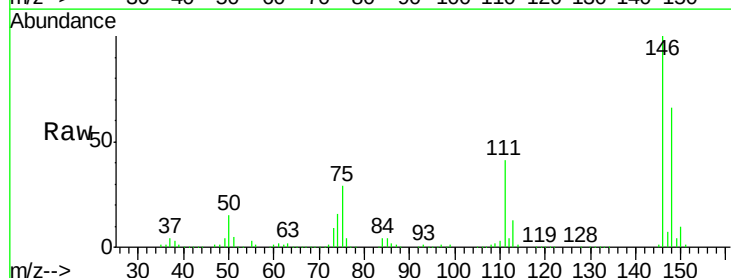
Tgt Ion: 146 Resp: 515144

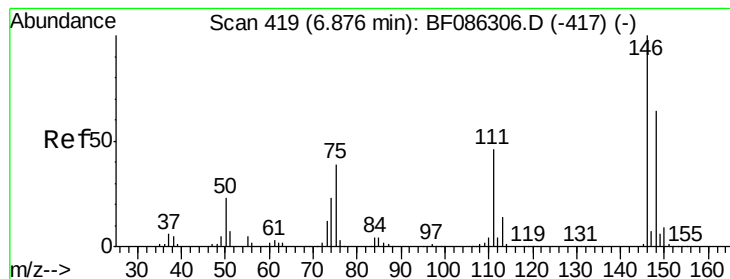
Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

75 28.5 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 39.93 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

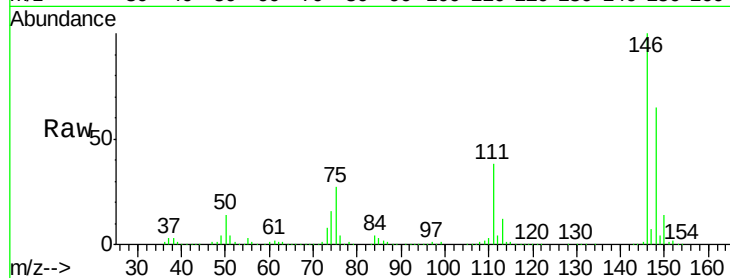
Tgt Ion:146 Resp: 545837

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.4

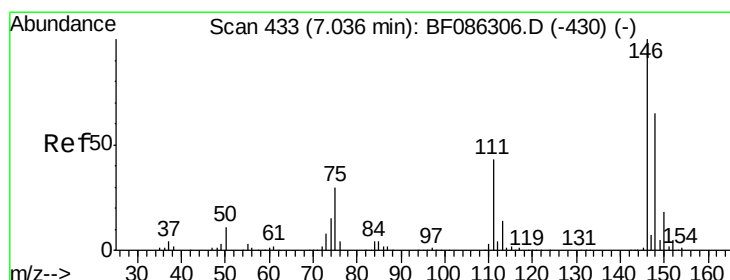
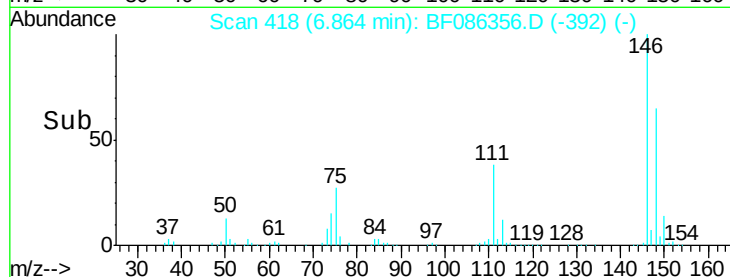
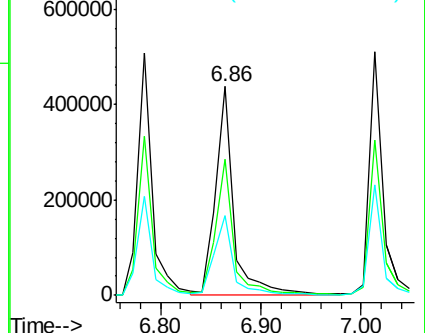
111 38.4 30.7 46.1



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: 40.86 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

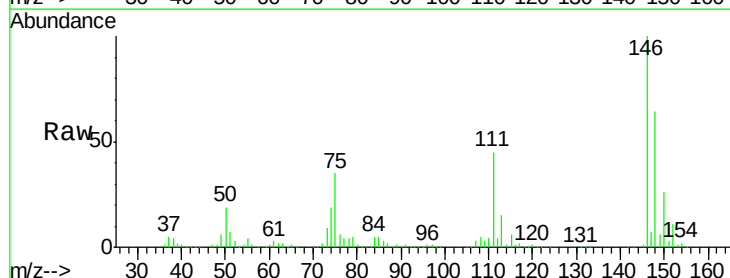
Tgt Ion:146 Resp: 498034

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

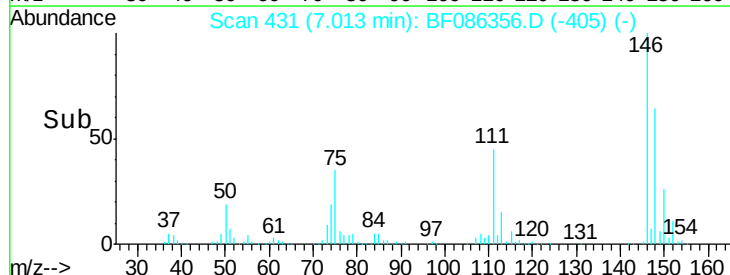
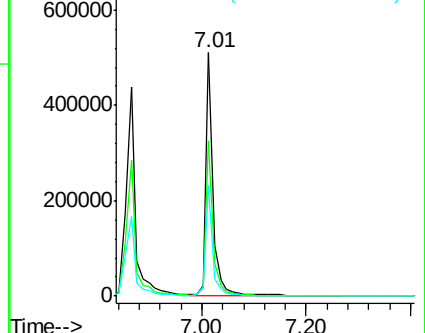
111 45.3 36.2 54.4

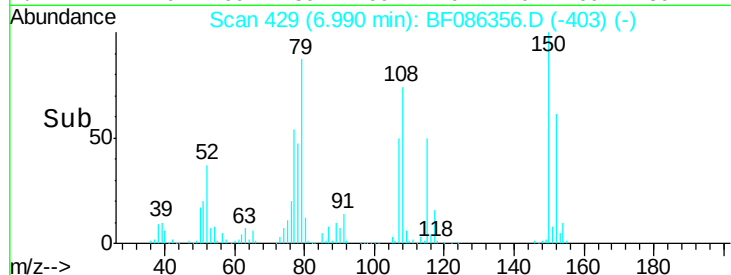
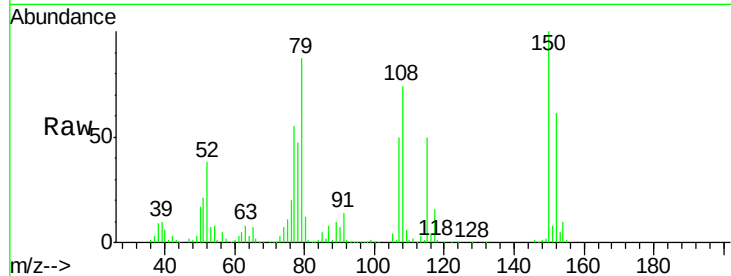
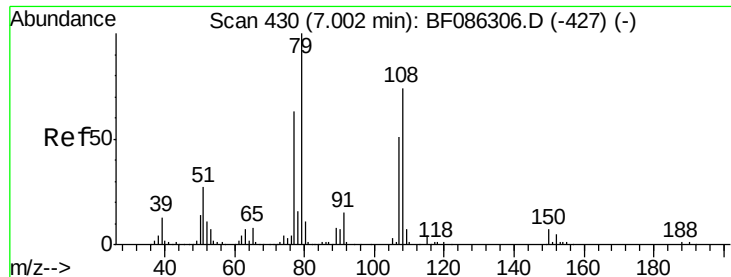


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

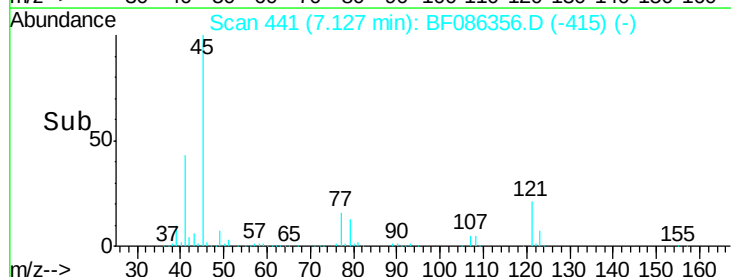
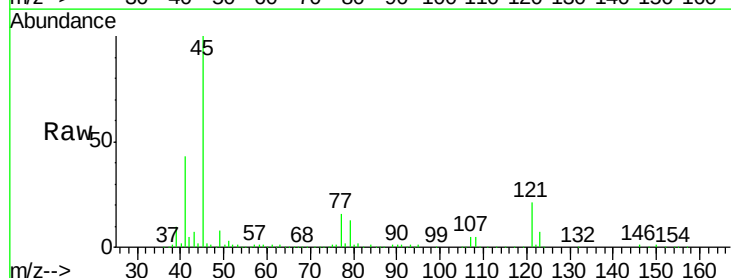
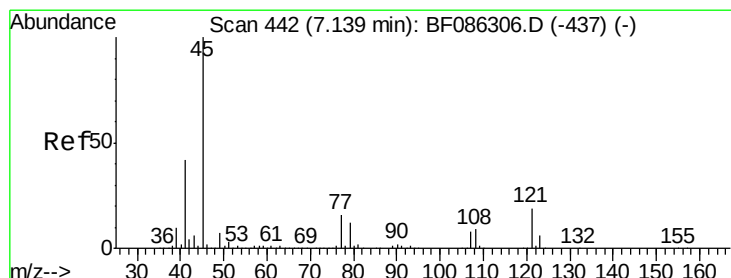
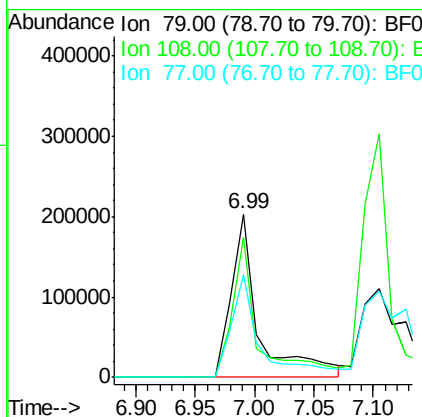




#15
Benzyl Alcohol
Concen: 41.49 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

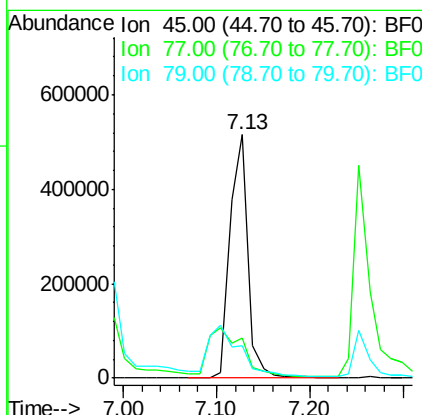
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

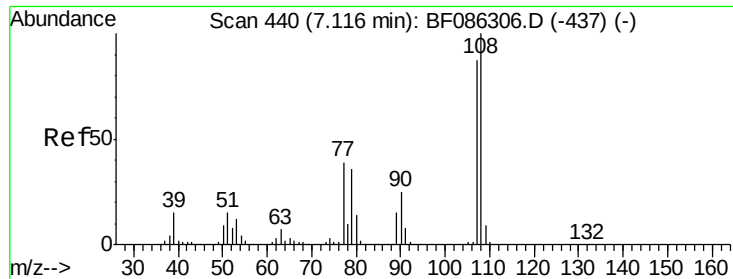
Tgt Ion: 79 Resp: 329929
Ion Ratio Lower Upper
79 100
108 85.5 68.4 102.6
77 63.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.05 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

Tgt Ion: 45 Resp: 696900
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.4
79 13.4 0.0 33.4

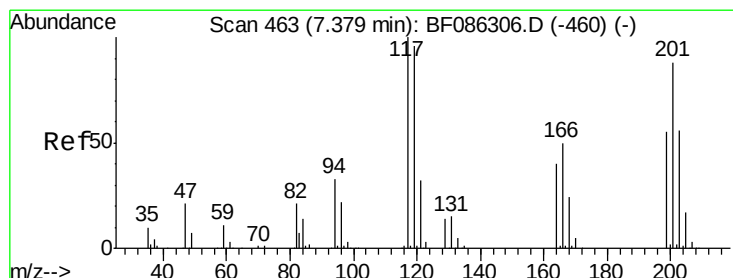
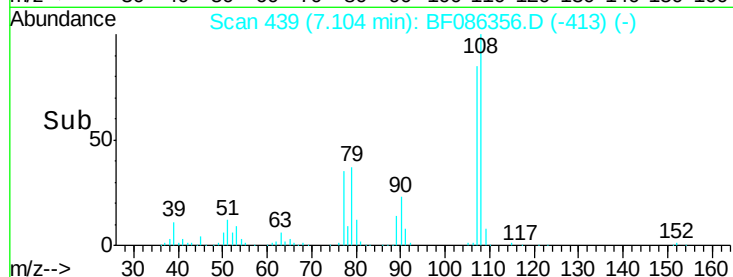
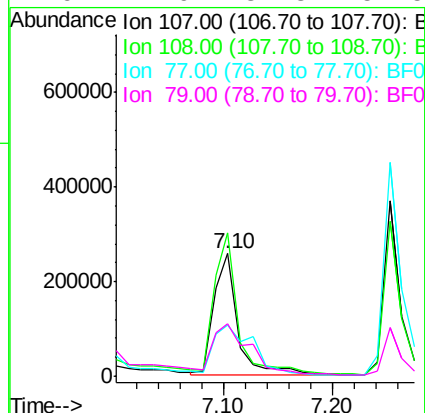
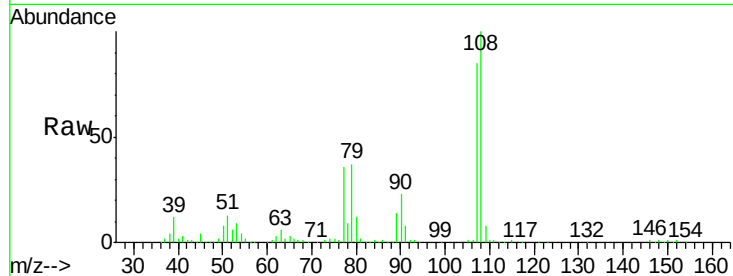




#17
2-Methylphenol
Concen: 40.85 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

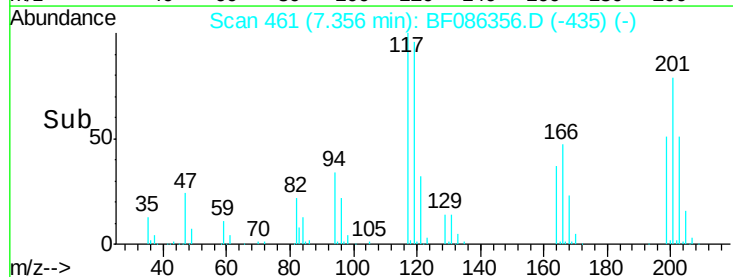
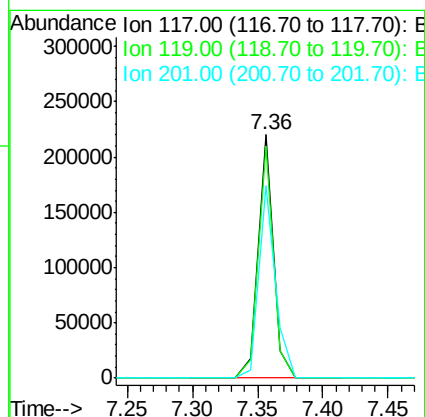
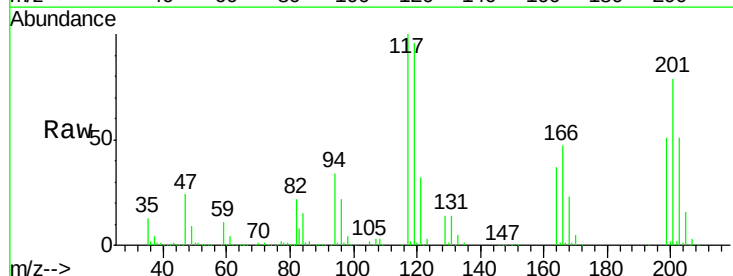
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

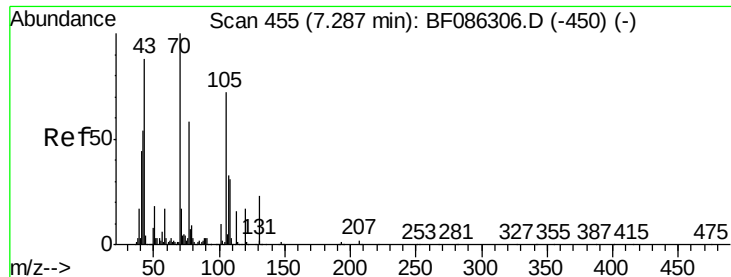
Tgt Ion:107 Resp: 397284
Ion Ratio Lower Upper
107 100
108 117.1 93.7 140.5
77 41.7 33.4 50.0
79 42.9 34.3 51.5



#18
Hexachloroethane
Concen: 44.29 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

Tgt Ion:117 Resp: 181287
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 78.8 63.0 94.6

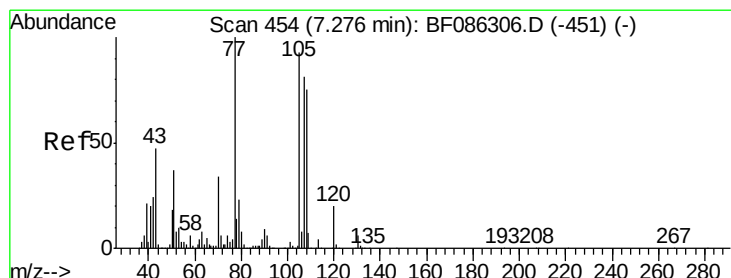
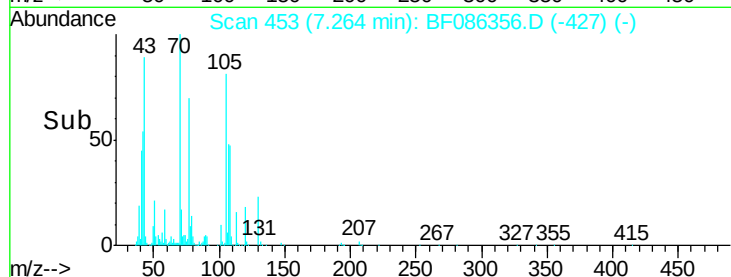
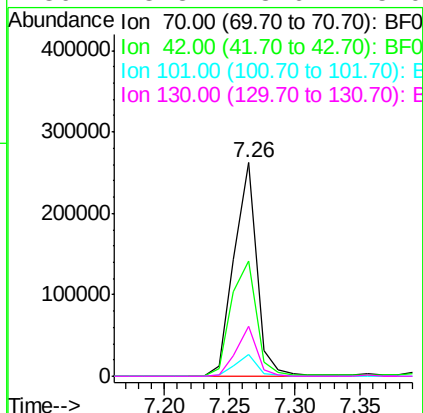
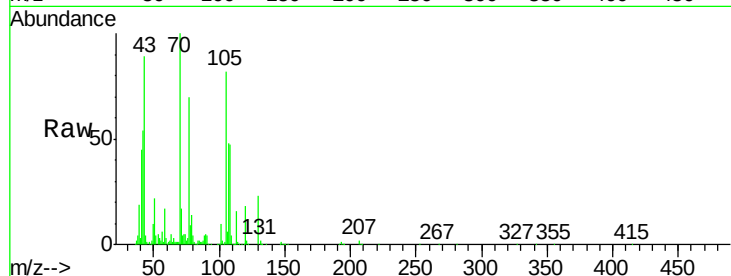




#19
n-Nitroso-di-n-propylamine
Concen: 40.99 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

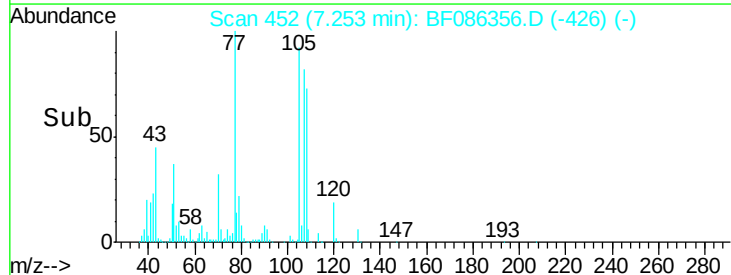
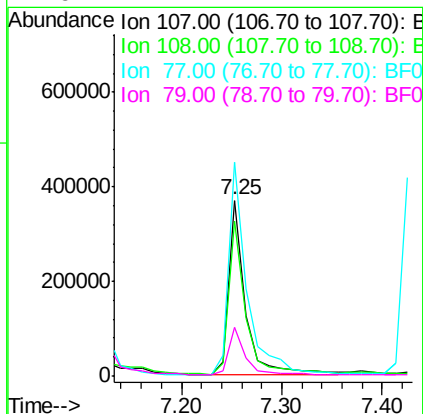
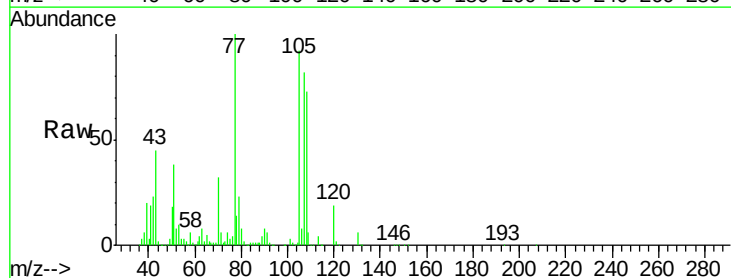
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

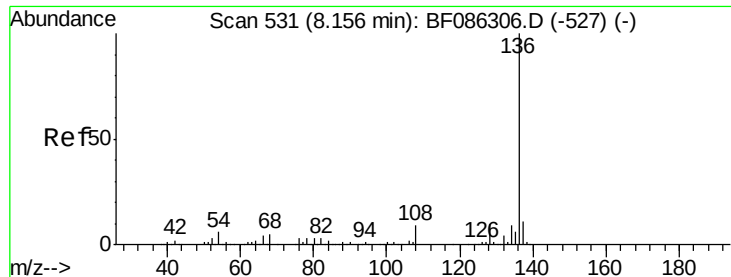
Tgt Ion:	70	Resp:	318606
Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.1	64.7
101	10.1	8.1	12.1
130	23.3	18.6	28.0



#20
3+4-Methylphenols
Concen: 39.62 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

Tgt Ion:	107	Resp:	419179
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.5	108.5
77	121.6	101.6	141.6
79	27.4	7.4	47.4

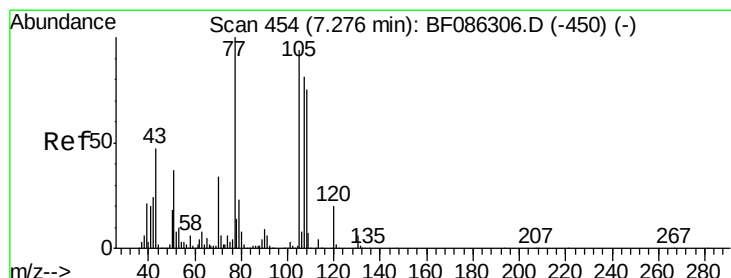
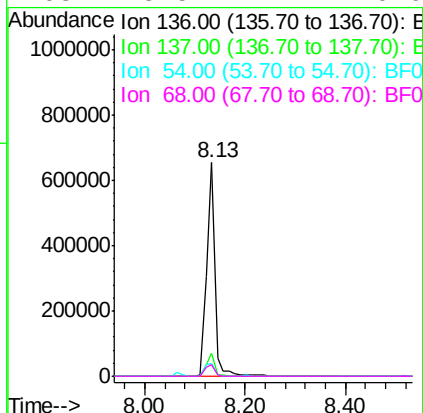
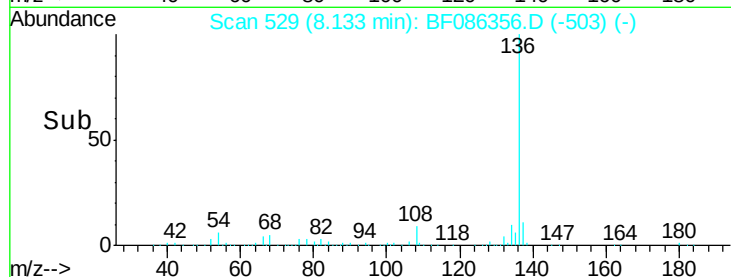
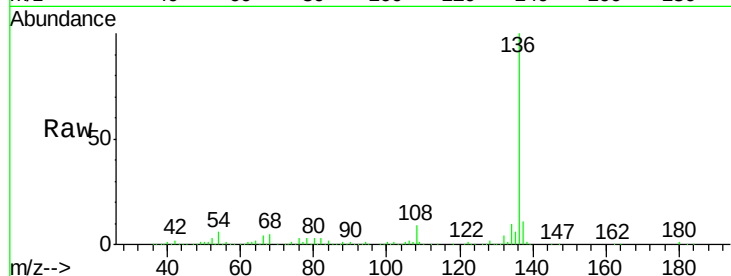




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

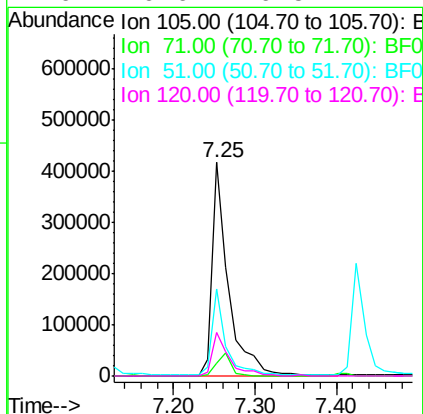
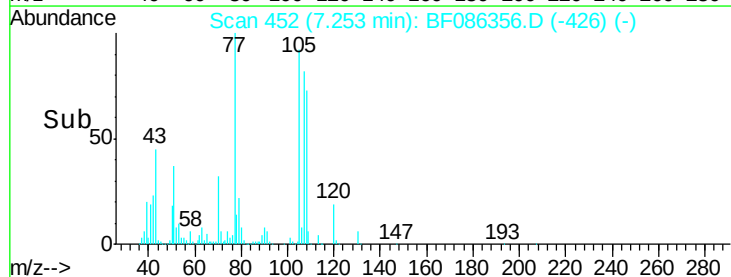
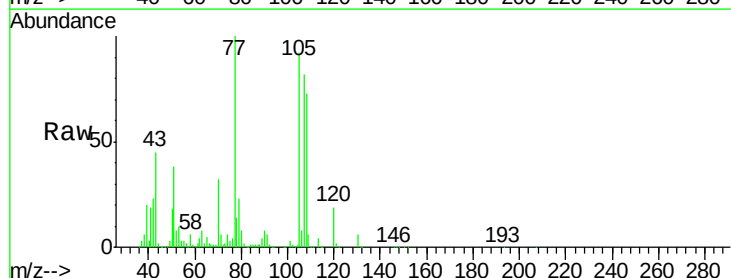
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

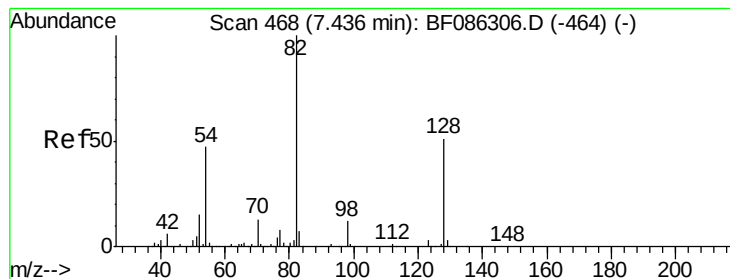
Tgt Ion:	136	Resp:	746903
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.2	5.0	7.4
68	5.5	4.4	6.6



#22
Acetophenone
Concen: 37.67 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

Tgt Ion:	105	Resp:	593543
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	40.8	32.6	49.0
120	20.6	16.5	24.7





#23

Nitrobenzene-d5

Concen: 77.58 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

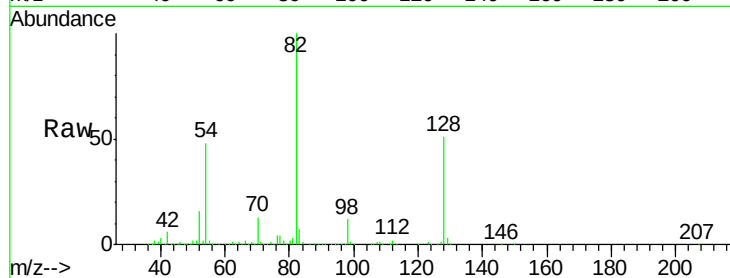
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1010747

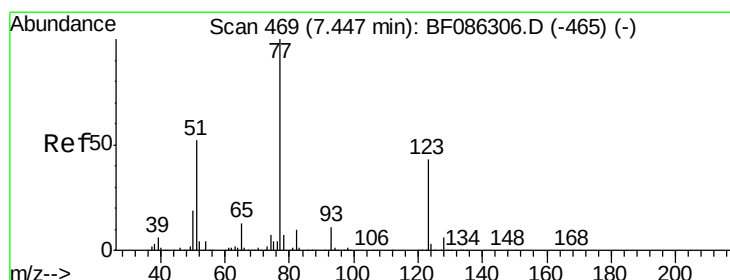
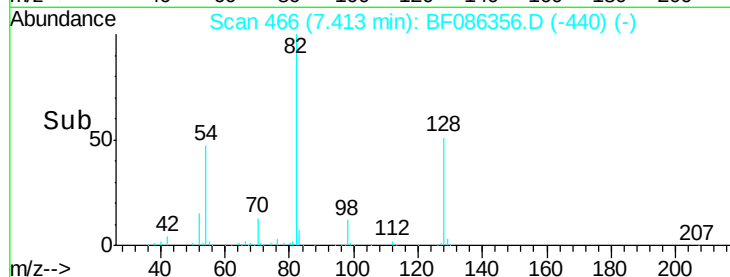
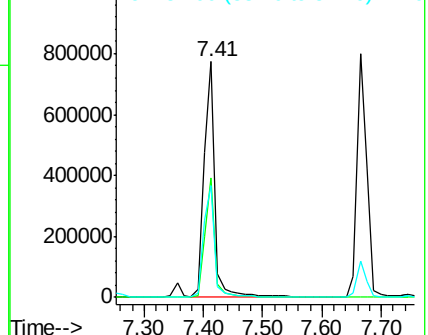
Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.6	61.0
54	47.6	38.1	57.1



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: 37.19 ng

RT: 7.42 min Scan# 467

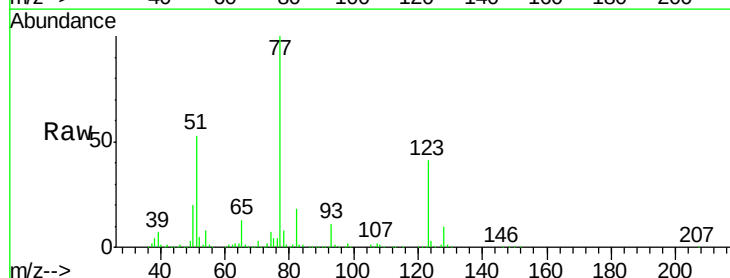
Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Tgt Ion: 77 Resp: 517649

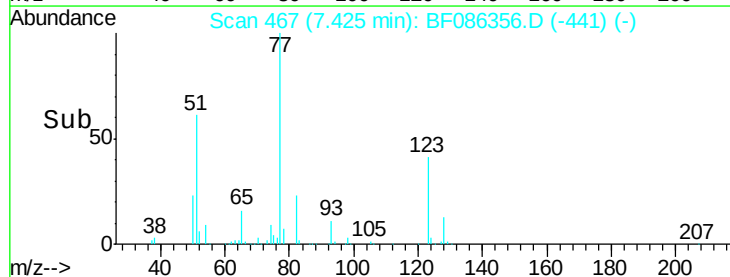
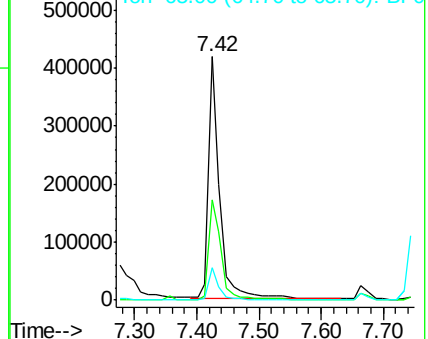
Ion	Ratio	Lower	Upper
77	100		
123	41.2	33.0	49.4
65	13.5	10.8	16.2

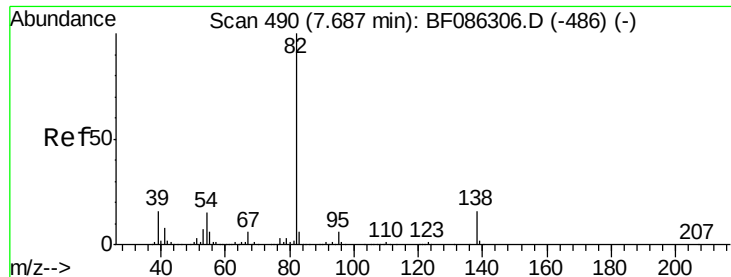


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.82 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

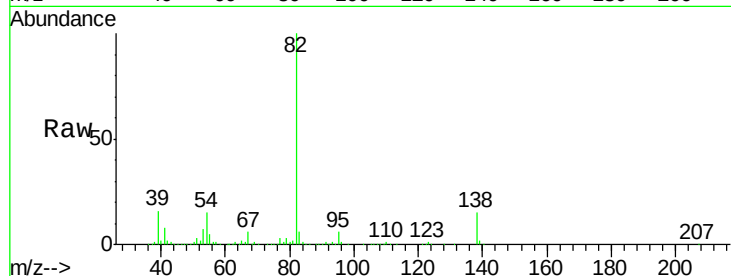
Tgt Ion: 82 Resp: 906677

Ion Ratio Lower Upper

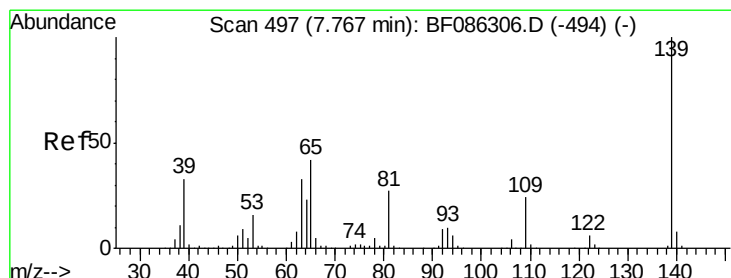
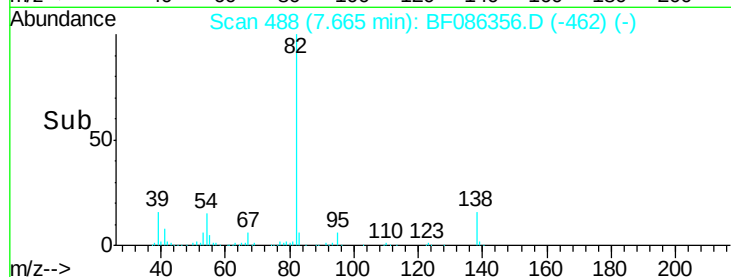
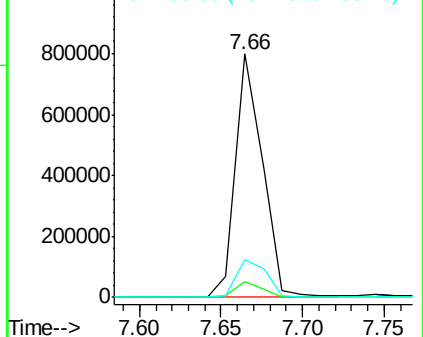
82 100

95 6.4 5.1 7.7

138 15.5 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: 44.81 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

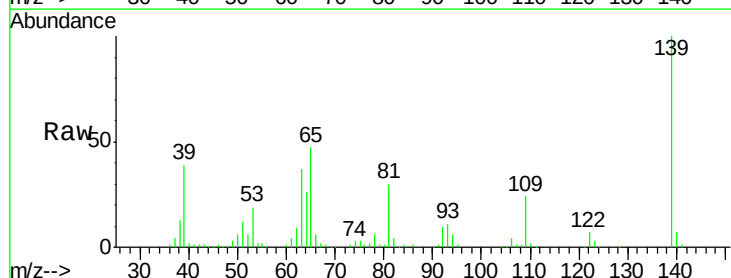
Tgt Ion: 139 Resp: 280441

Ion Ratio Lower Upper

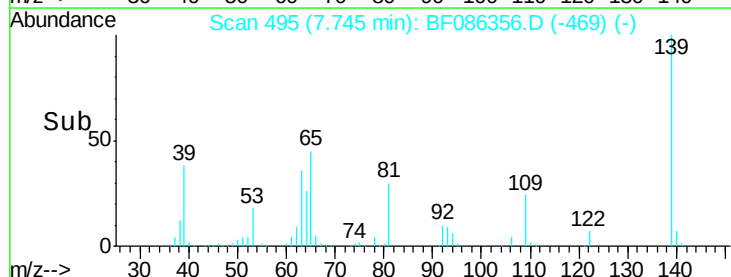
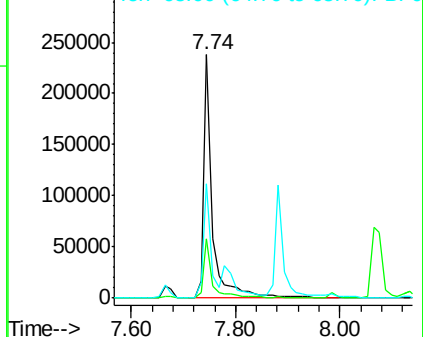
139 100

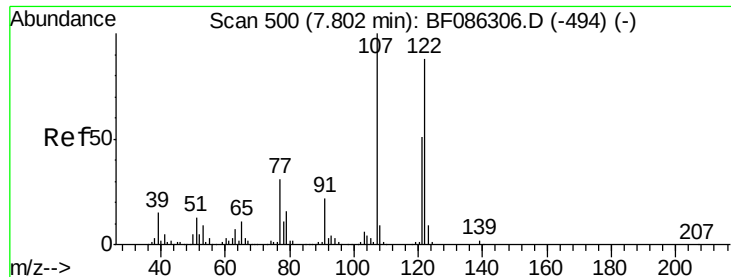
109 24.4 19.5 29.3

65 46.9 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 36.31 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

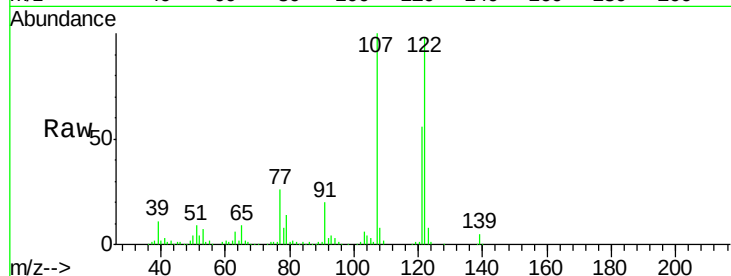
Tgt Ion:122 Resp: 441548

Ion Ratio Lower Upper

122 100

107 102.5 82.0 123.0

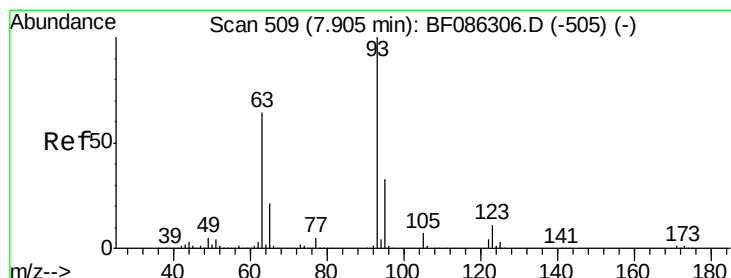
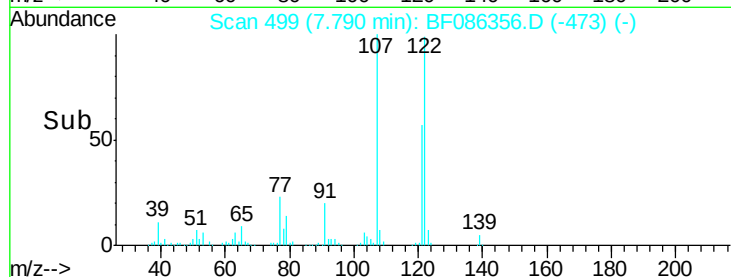
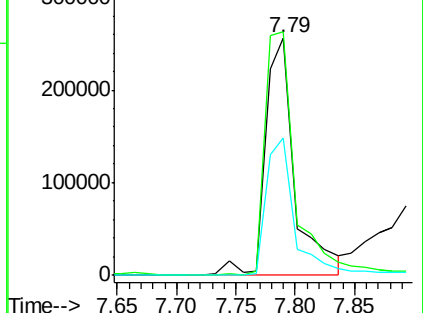
121 57.6 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.43 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

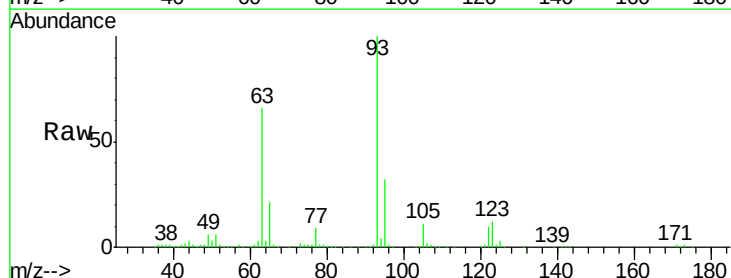
Tgt Ion: 93 Resp: 534569

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

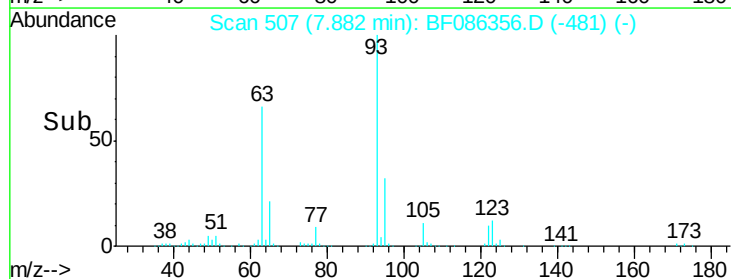
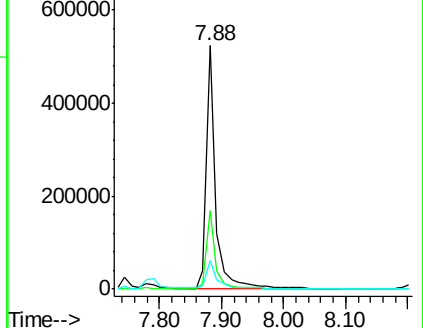
123 11.9 9.5 14.3

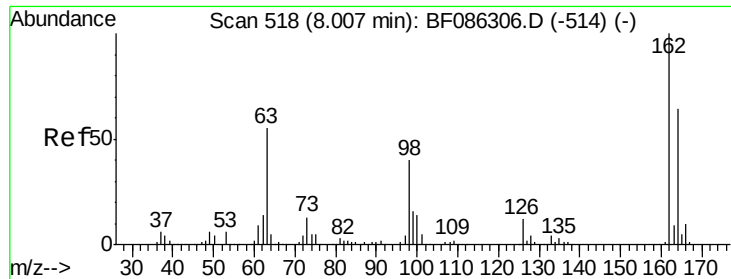


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

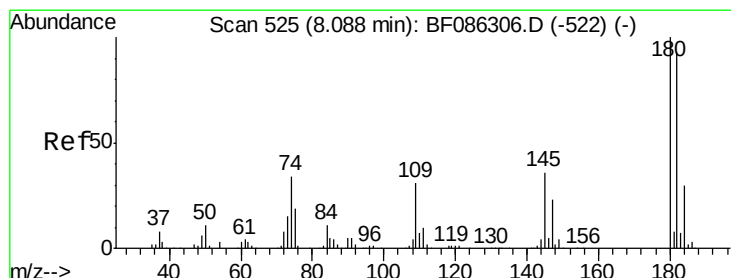
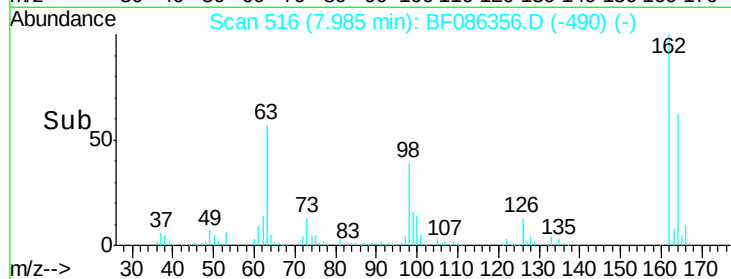
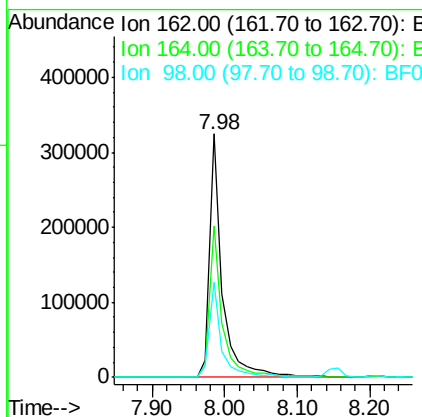
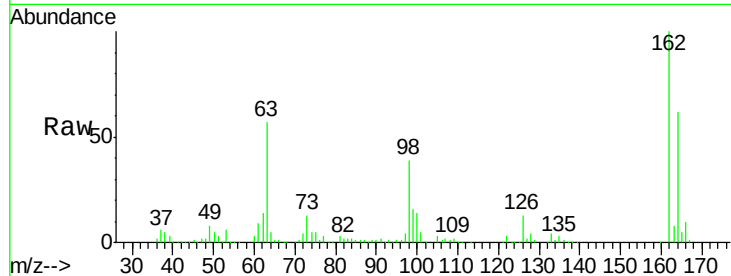




#29
 2,4-Dichlorophenol
 Concen: 41.10 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

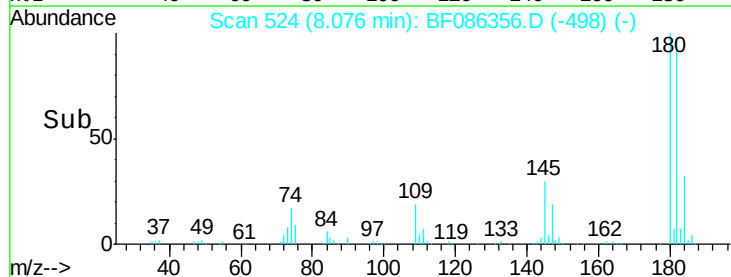
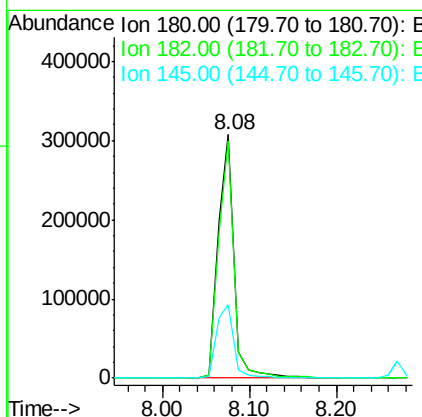
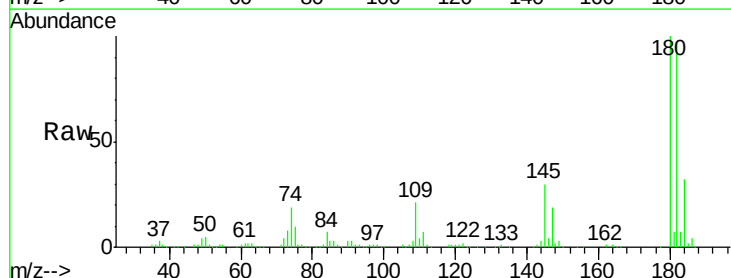
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

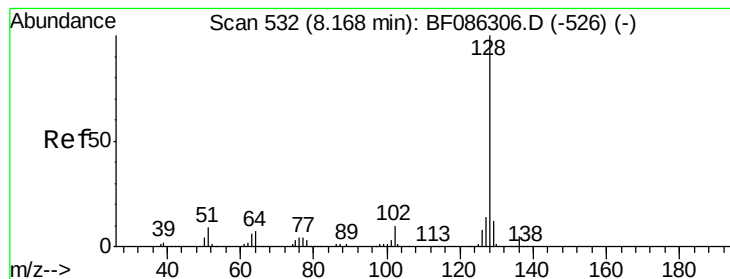
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.2	82.2
98	39.0	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 8.08 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	30.2	24.2	36.2





#31

Naphthalene

Concen: 41.12 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

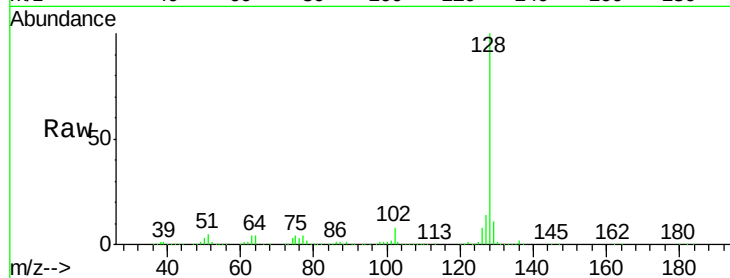
Tgt Ion:128 Resp: 1472085

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

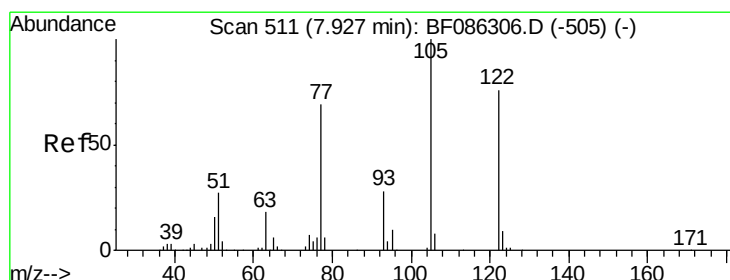
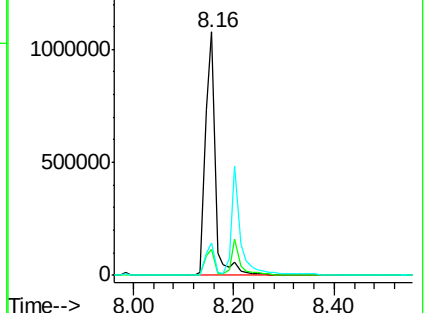
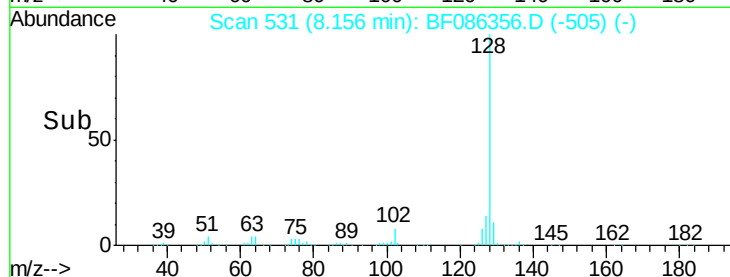
127 13.5 10.8 16.2



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: 40.43 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

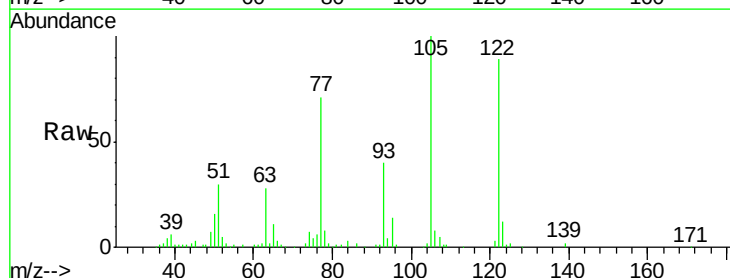
Tgt Ion:122 Resp: 292001

Ion Ratio Lower Upper

122 100

105 112.6 92.6 132.6

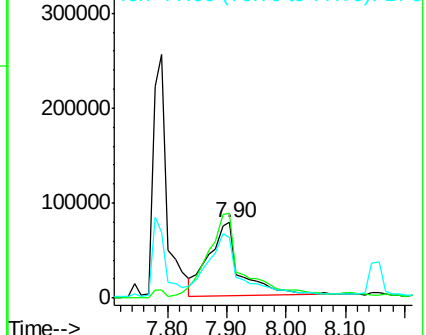
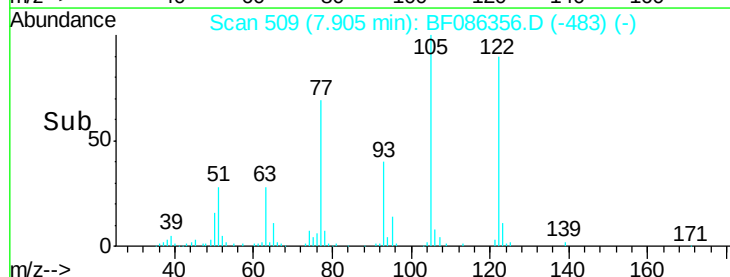
77 80.0 60.0 100.0

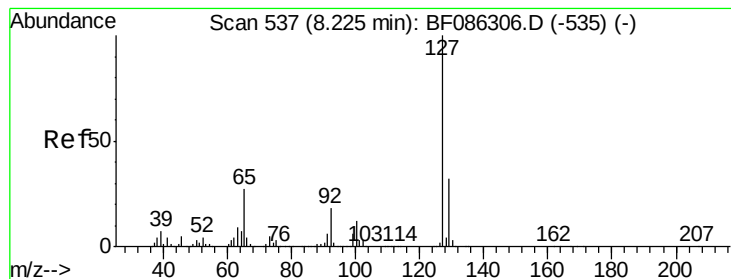


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.77 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 619420

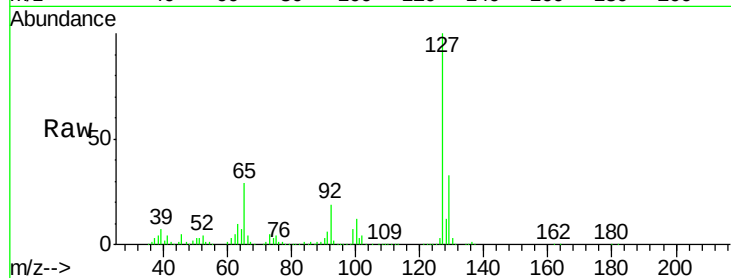
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.4

65 28.7 23.0 34.4

92 18.9 15.1 22.7

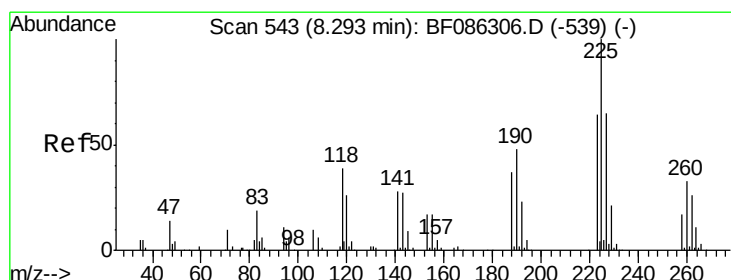
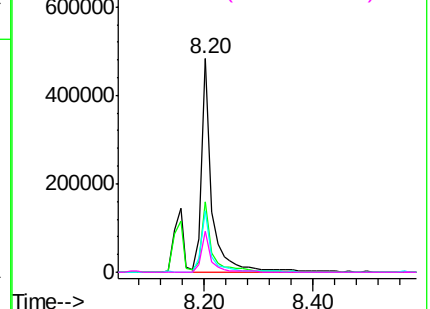
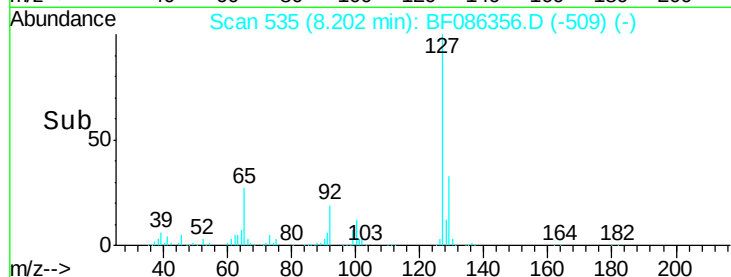


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.46 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

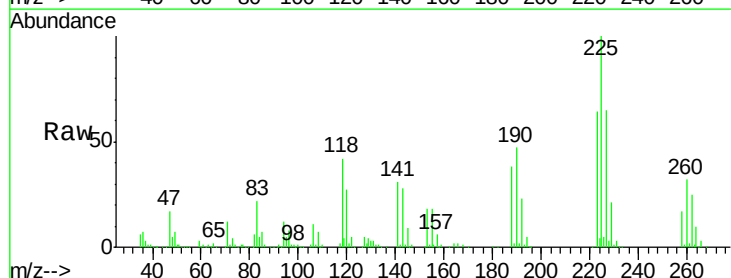
Tgt Ion:225 Resp: 190767

Ion Ratio Lower Upper

225 100

223 64.4 51.5 77.3

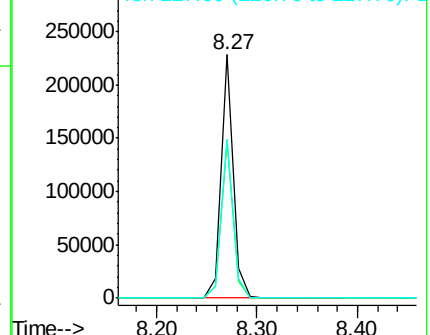
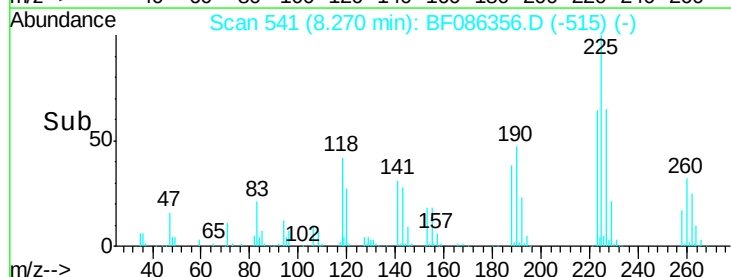
227 65.2 52.2 78.2

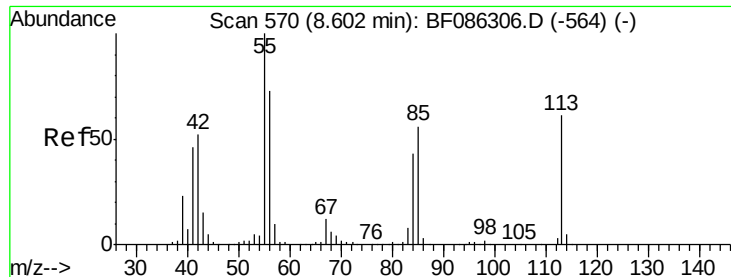


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.78 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

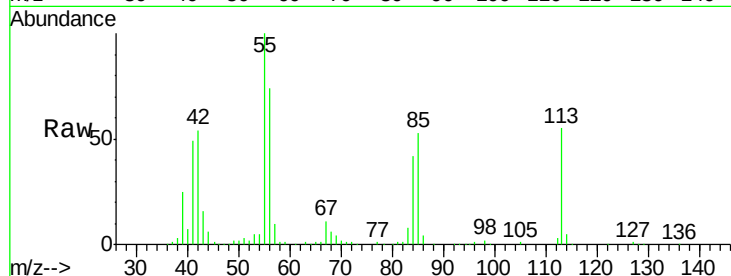
Tgt Ion:113 Resp: 133853

Ion Ratio Lower Upper

113 100

55 182.0 162.0 202.0

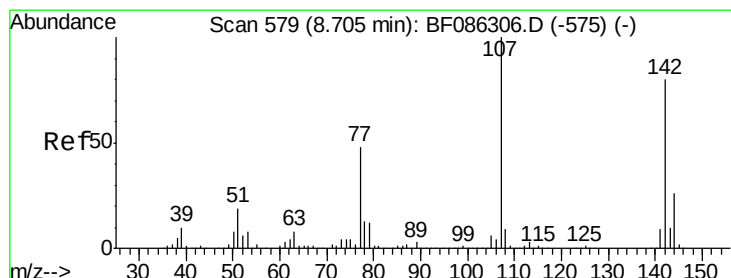
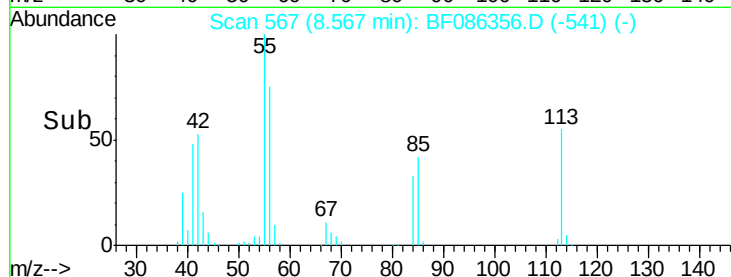
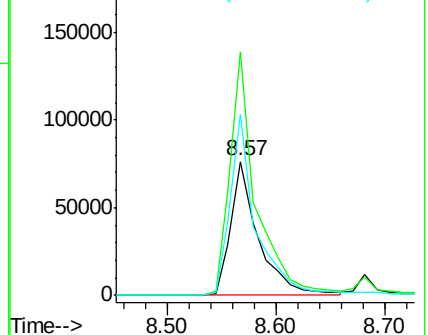
56 135.3 115.3 155.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.71 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

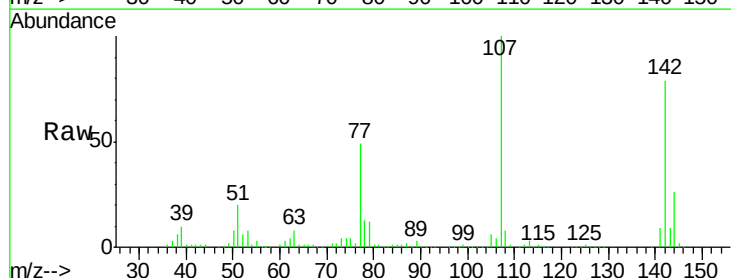
Tgt Ion:107 Resp: 467655

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

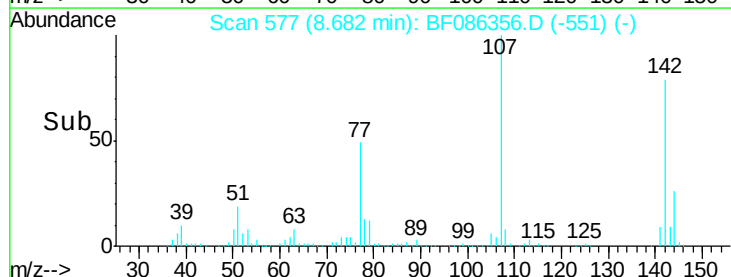
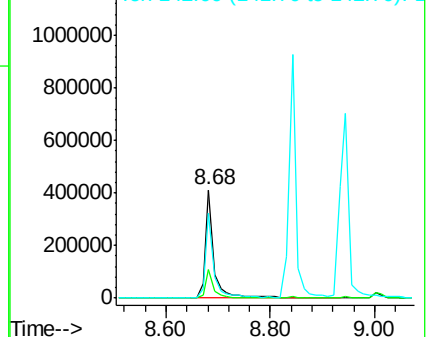
142 79.0 63.2 94.8

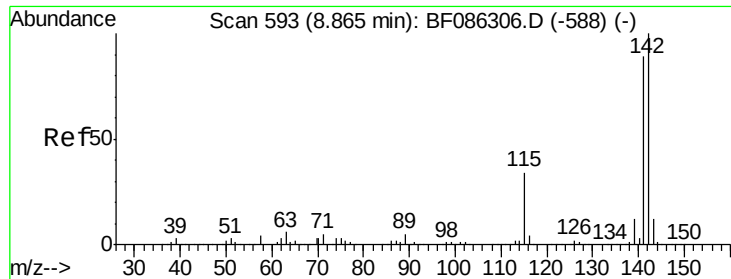


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

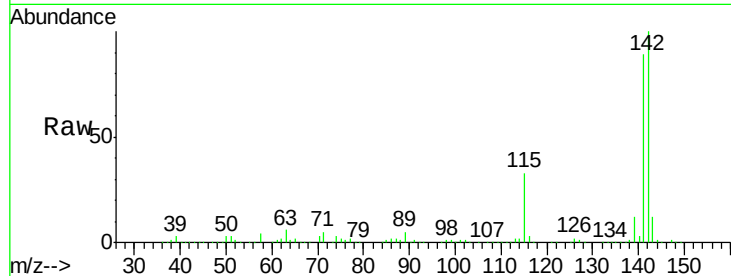




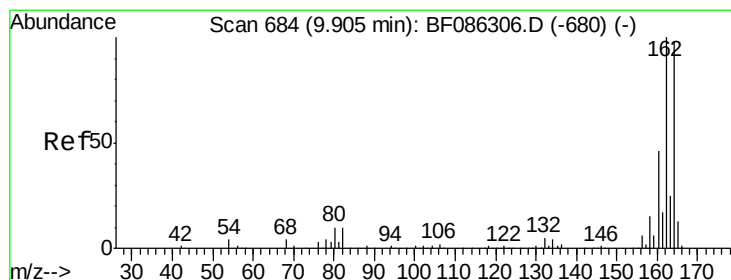
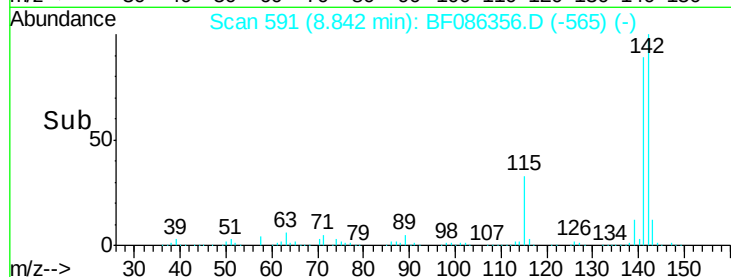
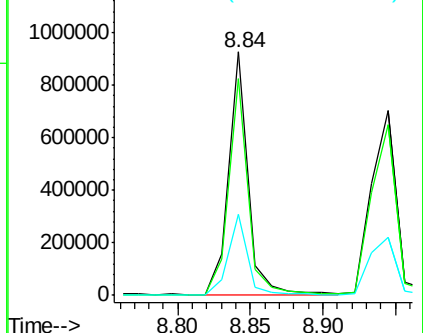
#37
 2-Methylnaphthalene
 Concen: 39.56 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:142 Resp: 874040
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 33.2 26.6 39.8

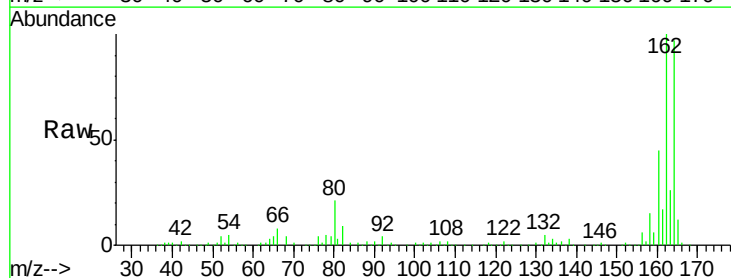


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

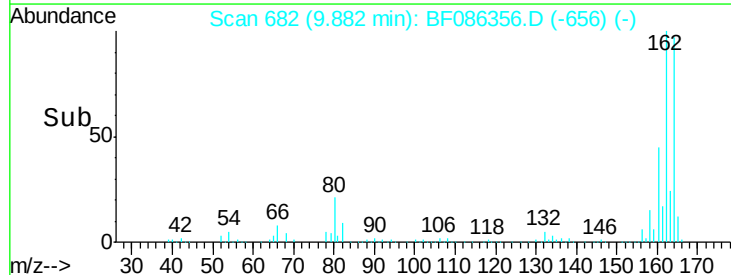
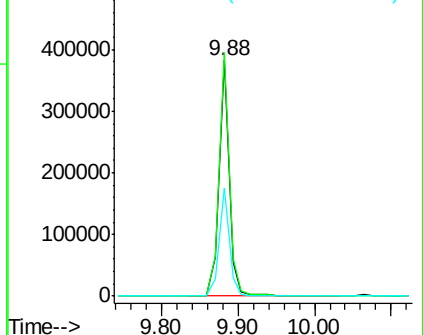


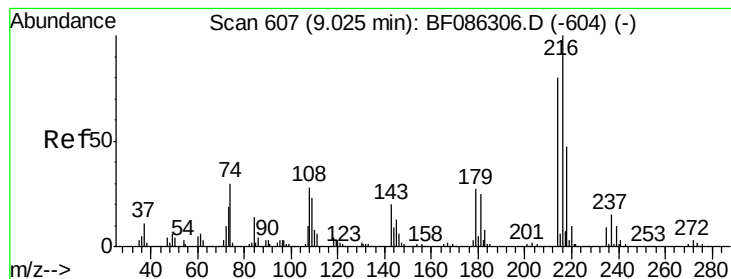
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

Tgt Ion:164 Resp: 358540
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 46.1 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: 37.31 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:216 Resp: 354628

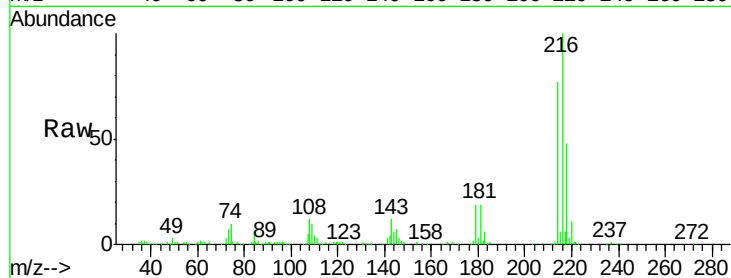
Ion Ratio Lower Upper

216 100

214 78.2 62.6 93.8

179 22.8 18.2 27.4

108 21.9 17.5 26.3

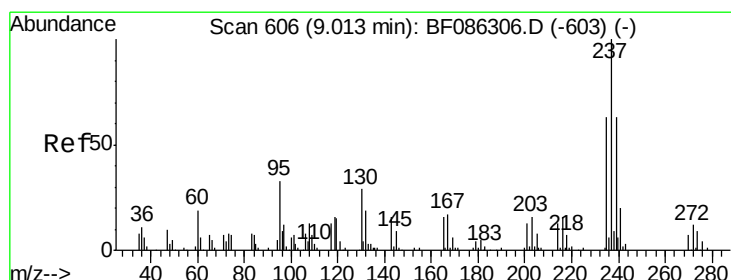
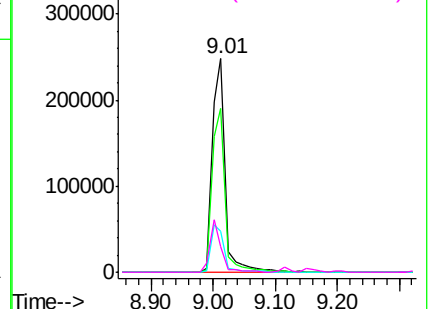
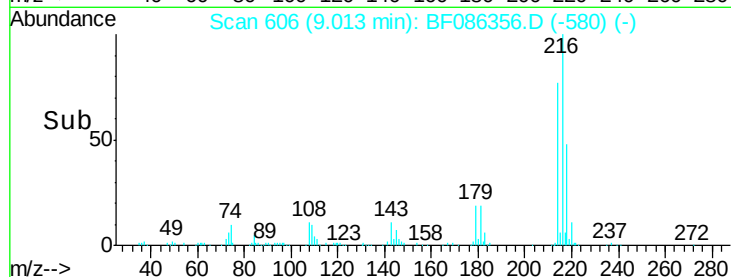


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.57 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

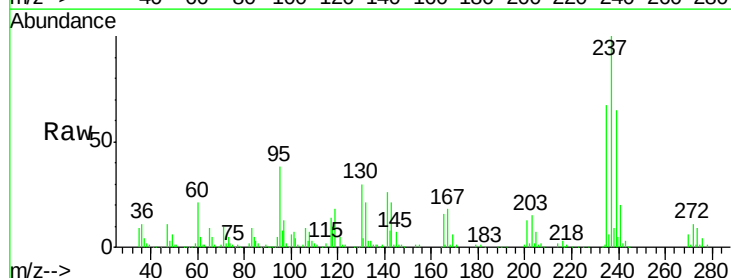
Tgt Ion:237 Resp: 182437

Ion Ratio Lower Upper

237 100

235 67.2 47.2 87.2

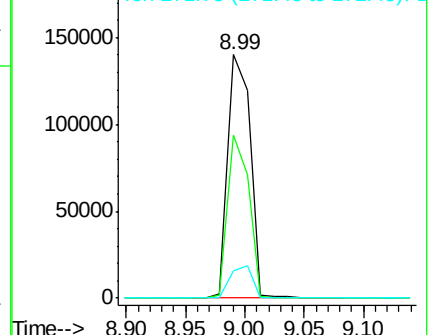
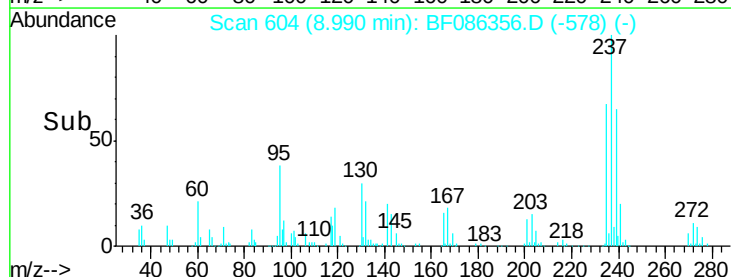
272 11.1 0.0 31.1

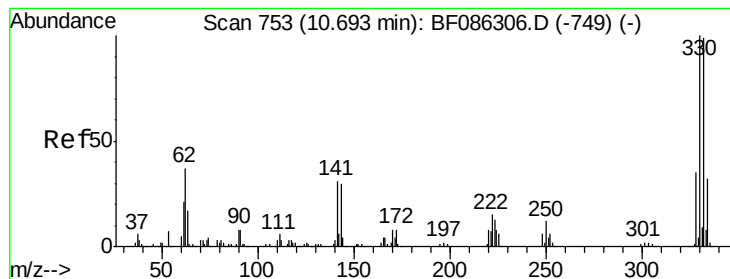


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

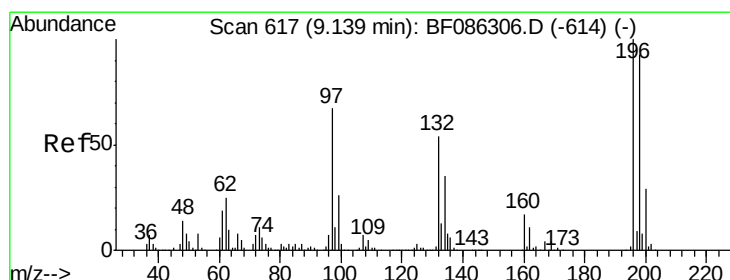
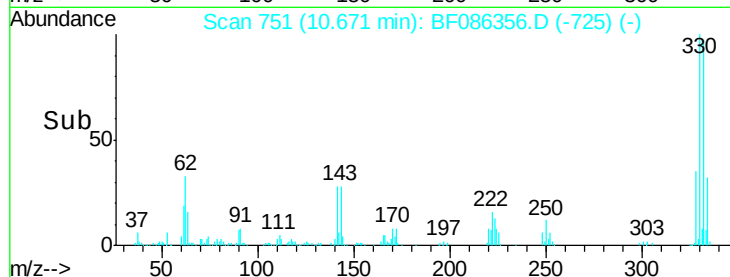
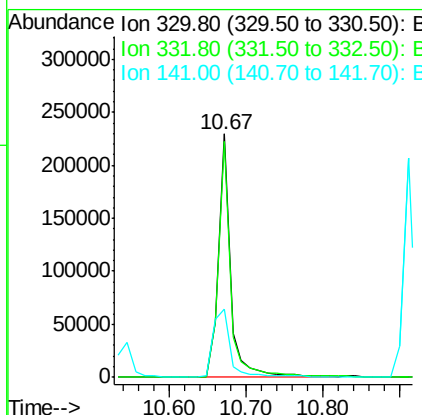
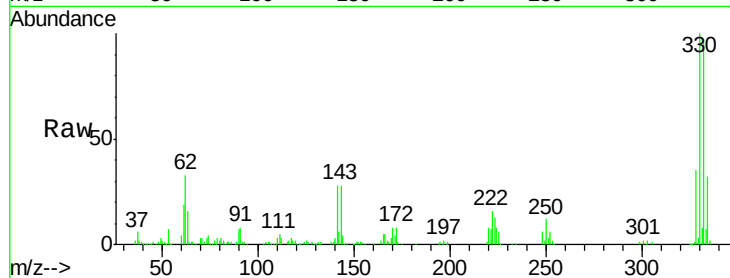




#41
 2,4,6-Tribromophenol
 Concen: 90.13 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

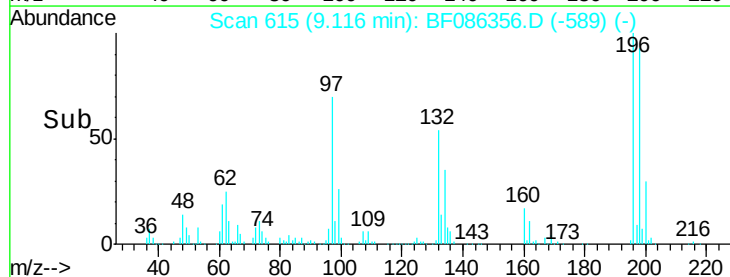
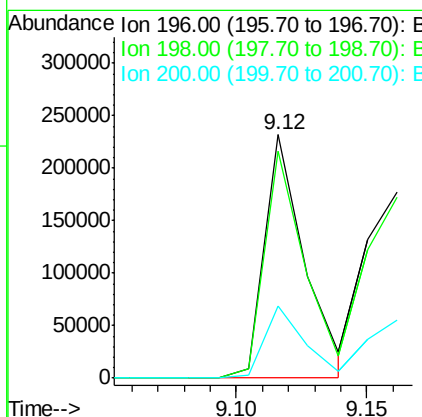
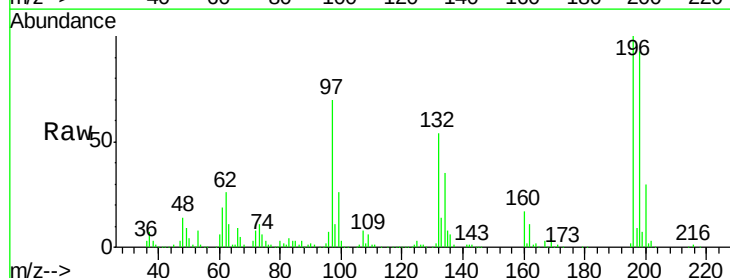
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

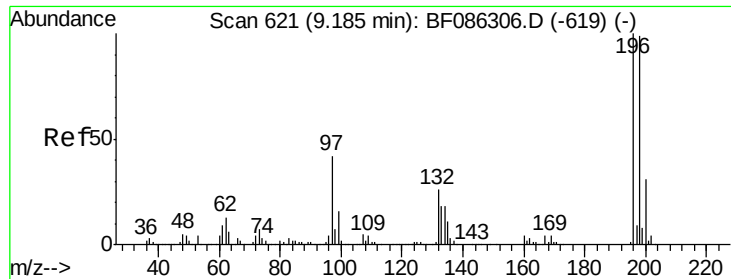
Tgt Ion:330 Resp: 257362
 Ion Ratio Lower Upper
 330 100
 332 98.7 79.0 118.4
 141 39.0 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 37.80 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

Tgt Ion:196 Resp: 248982
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.7 112.1
 200 29.7 23.8 35.6

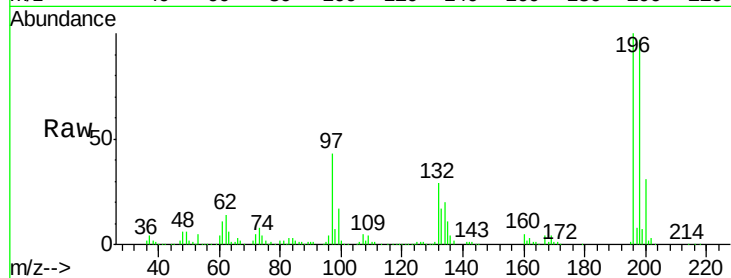




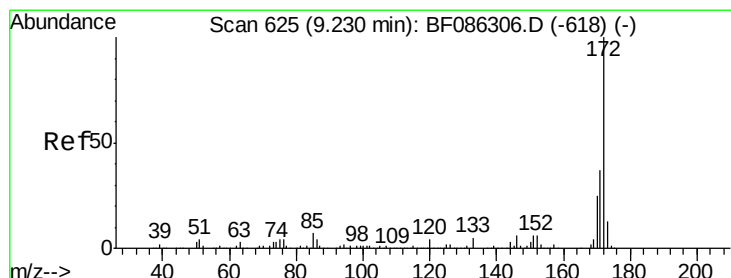
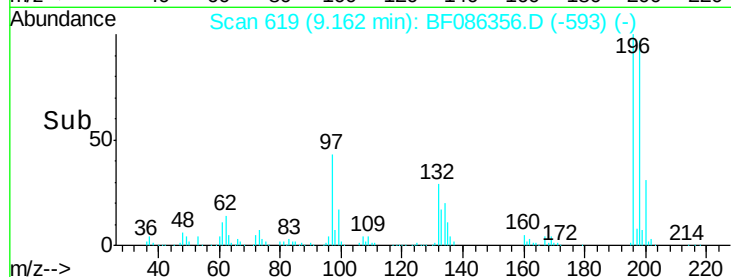
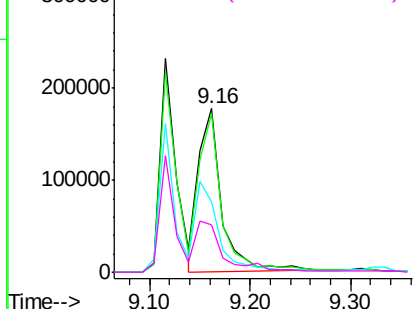
#43
 2,4,5-Trichlorophenol
 Concen: 39.40 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:	196	Resp:	284444
Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.5	116.3
97	43.5	34.8	52.2
132	28.7	23.0	34.4

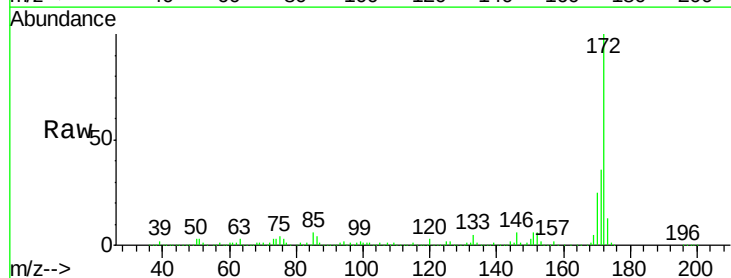


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

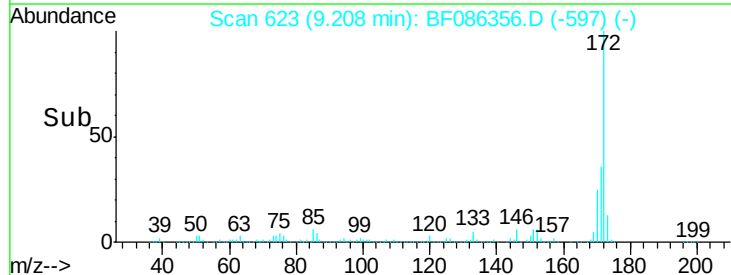
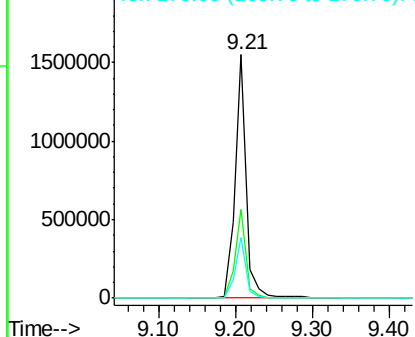


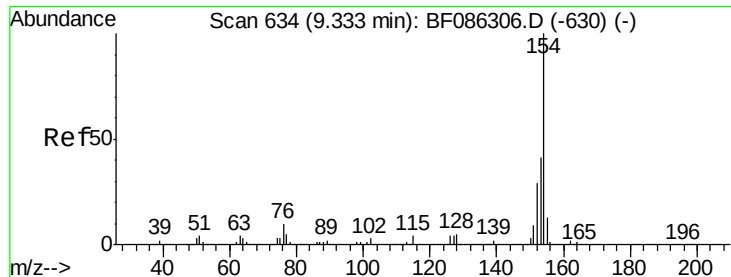
#44
 2-Fluorobiphenyl
 Concen: 75.16 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

Tgt Ion:	172	Resp:	1623752
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.8	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

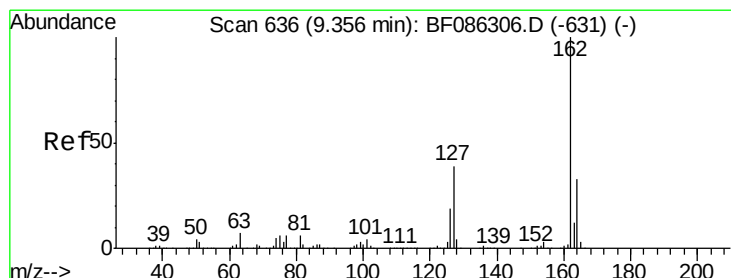
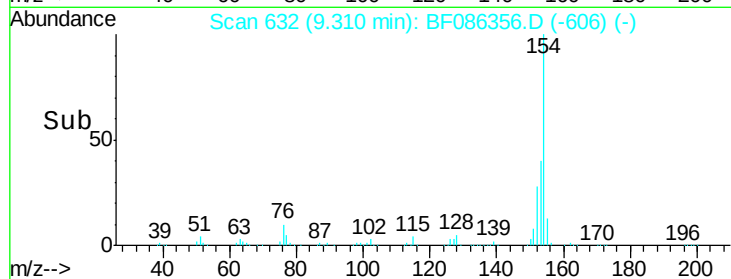
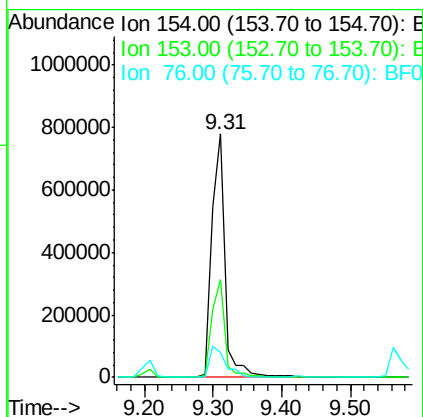
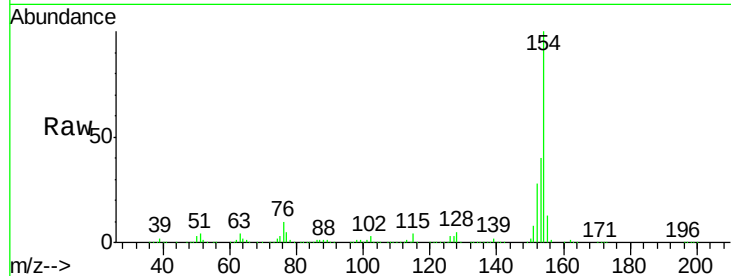




#45
 1,1'-Biphenyl
 Concen: 37.98 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

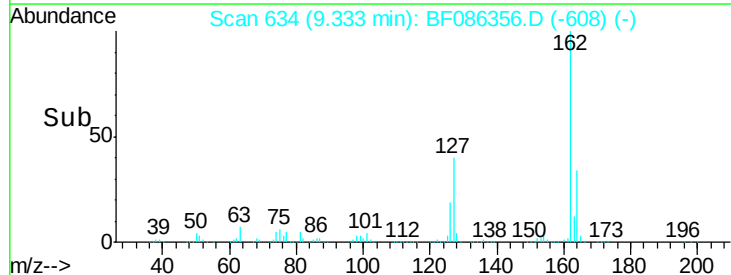
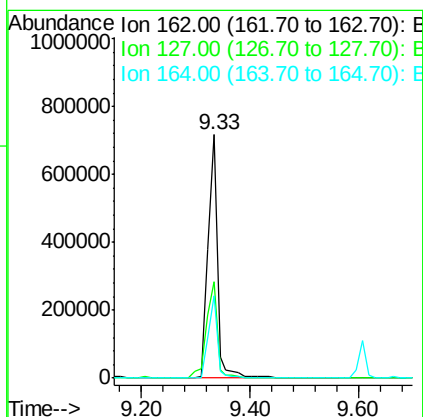
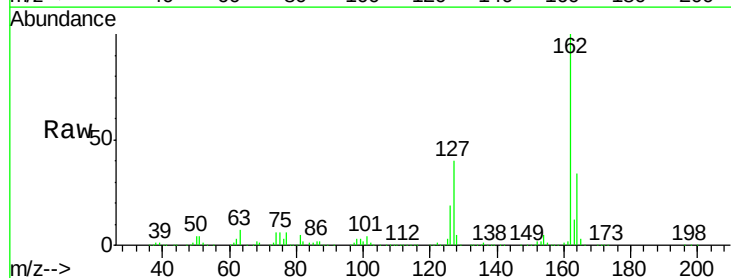
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

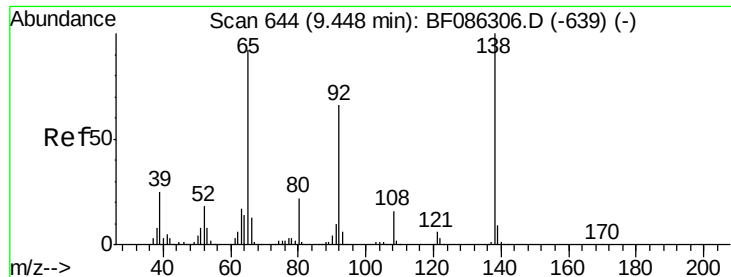
Tgt Ion:154 Resp: 1065496
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.3 60.3
 76 10.2 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 40.68 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

Tgt Ion:162 Resp: 866868
 Ion Ratio Lower Upper
 162 100
 127 39.7 31.8 47.6
 164 33.8 27.0 40.6

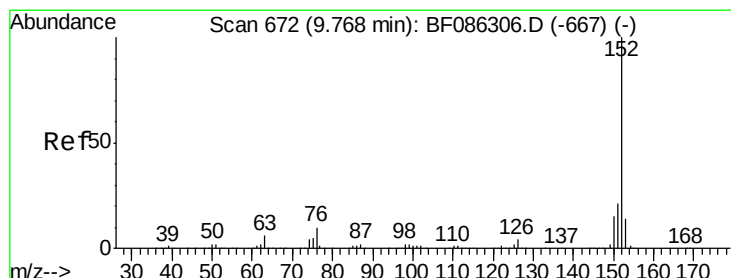
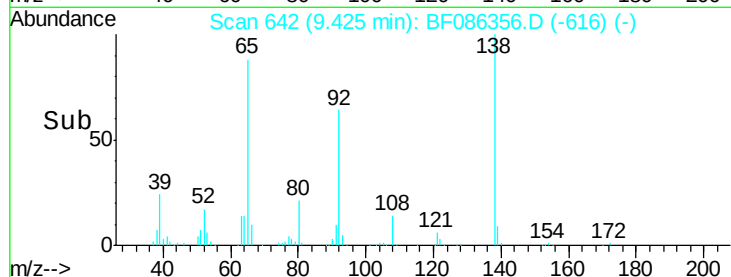
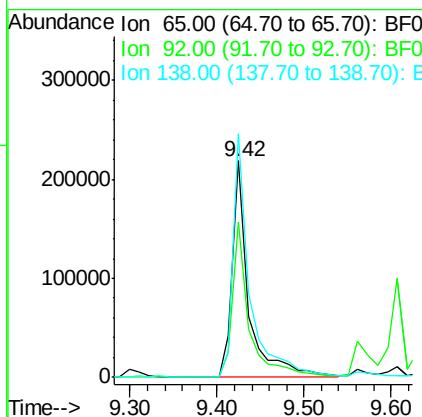
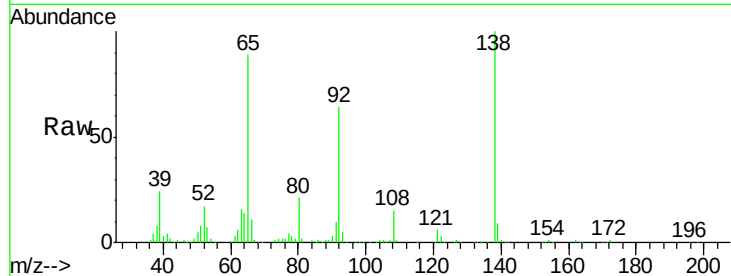




#47
2-Nitroaniline
Concen: 40.01 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

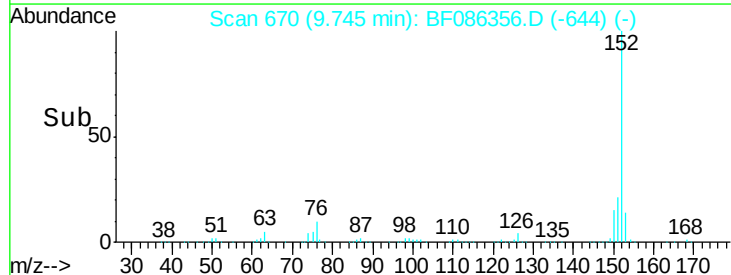
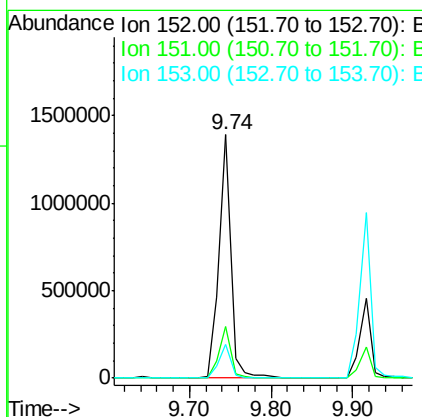
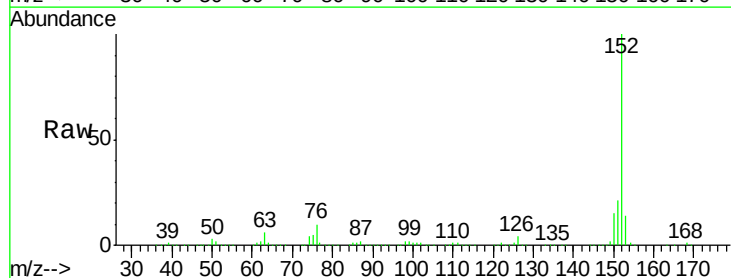
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

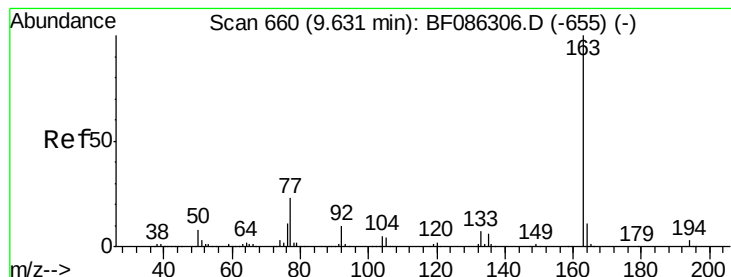
Tgt Ion: 65 Resp: 289618
Ion Ratio Lower Upper
65 100
92 71.8 57.4 86.2
138 112.6 90.1 135.1



#48
Acenaphthylene
Concen: 42.21 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

Tgt Ion: 152 Resp: 1421645
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 36.80 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

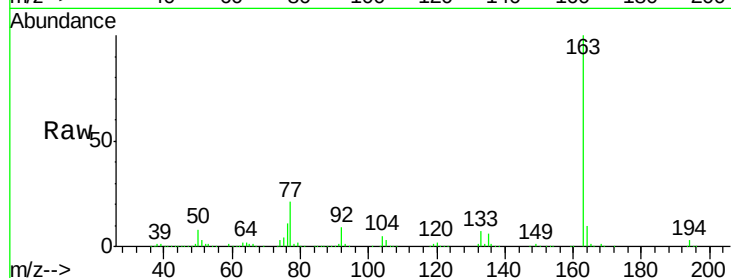
Tgt Ion:163 Resp: 1004899

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

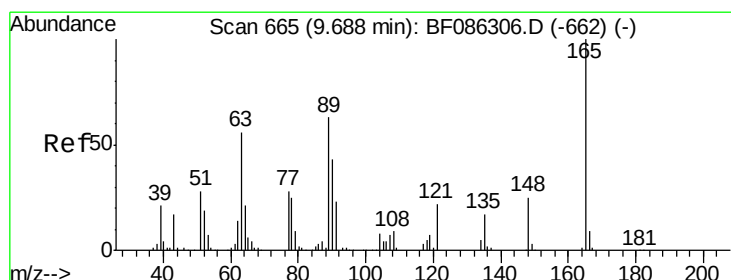
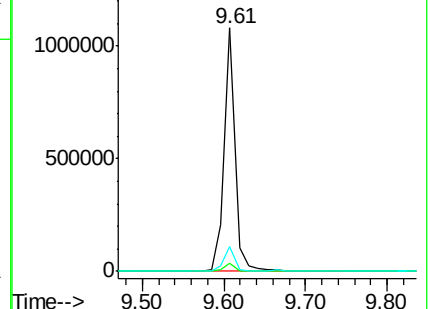
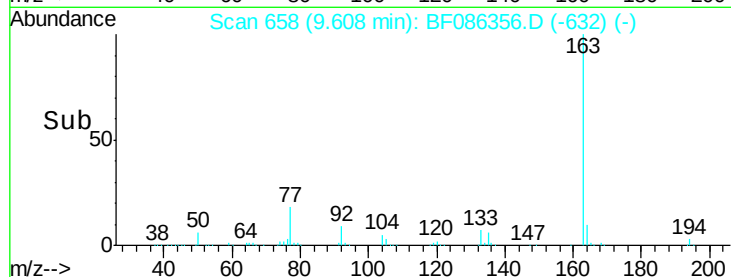
164 10.3 8.2 12.4



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: 39.86 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

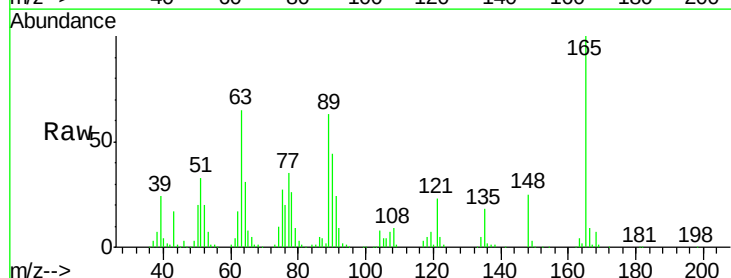
Tgt Ion:165 Resp: 224120

Ion Ratio Lower Upper

165 100

63 64.8 51.8 77.8

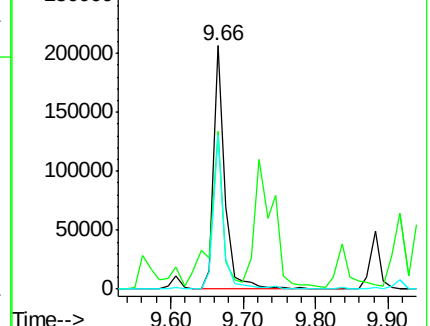
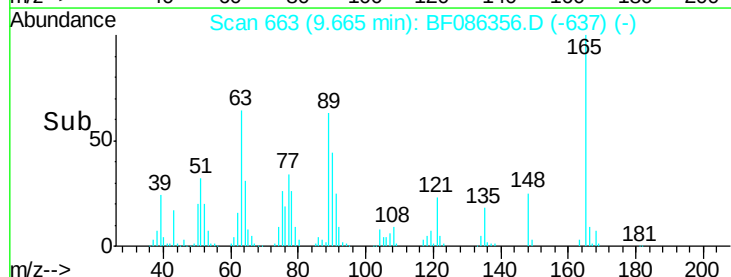
89 63.4 50.7 76.1

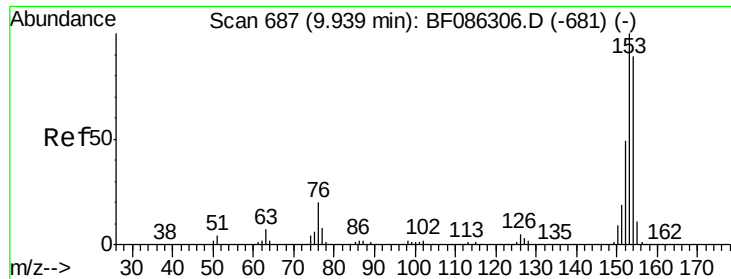


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.82 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

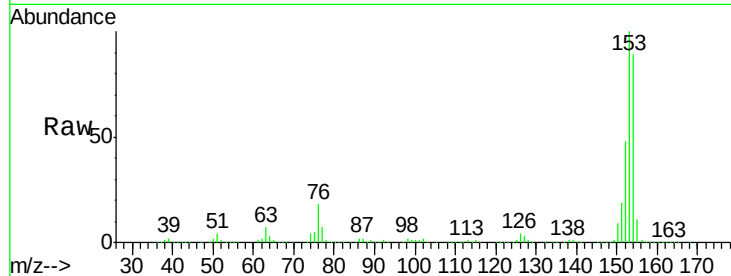
Tgt Ion:154 Resp: 874199

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.6

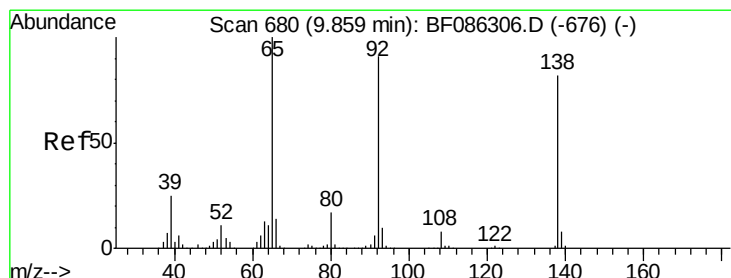
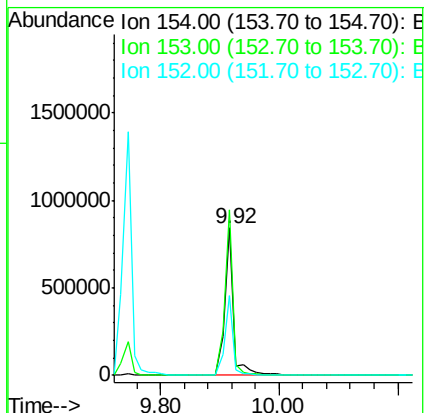
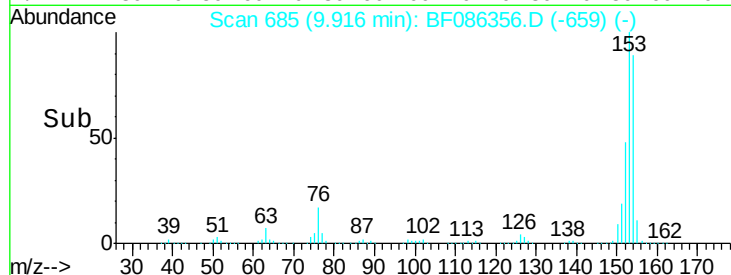
152 54.2 43.4 65.0



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: 40.75 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

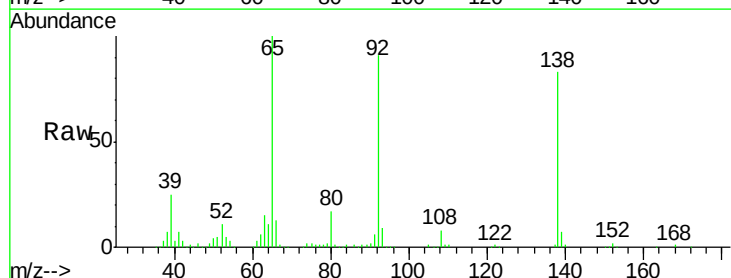
Tgt Ion:138 Resp: 291988

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

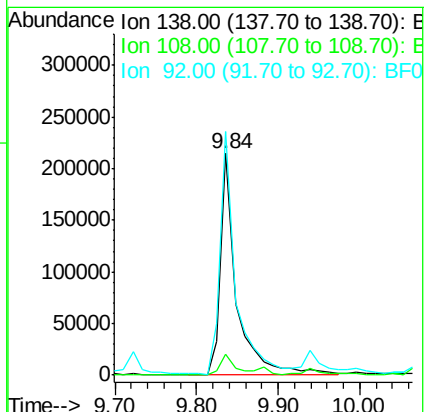
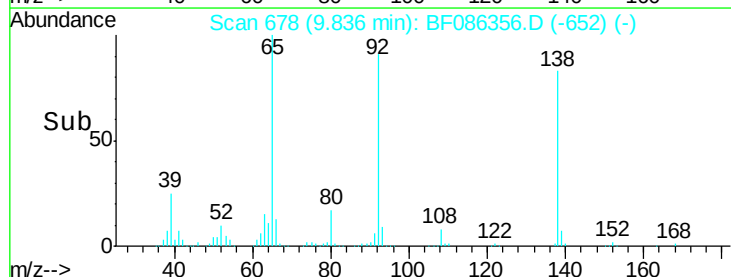
92 109.8 87.8 131.8

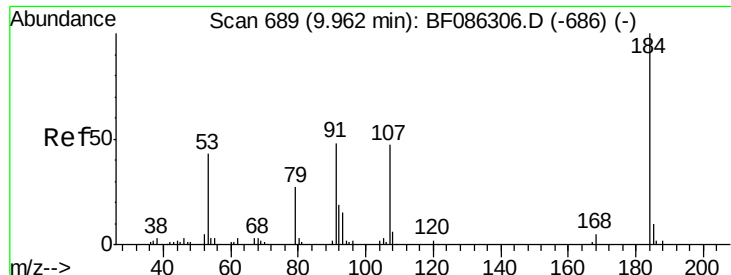


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

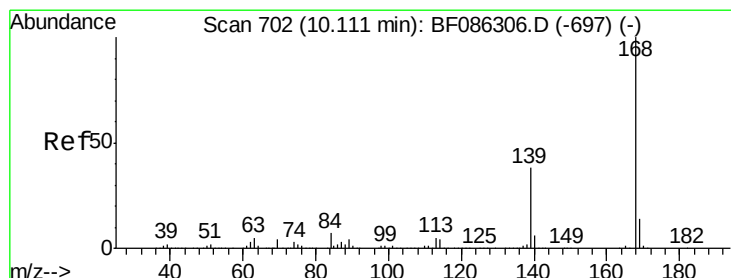
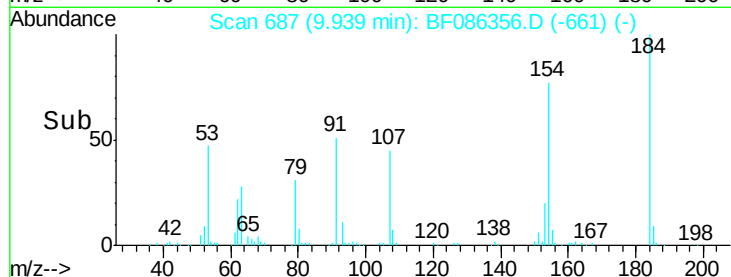
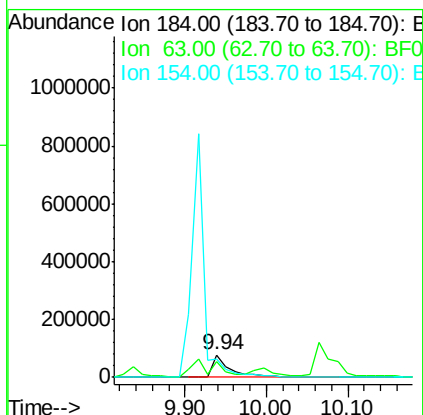
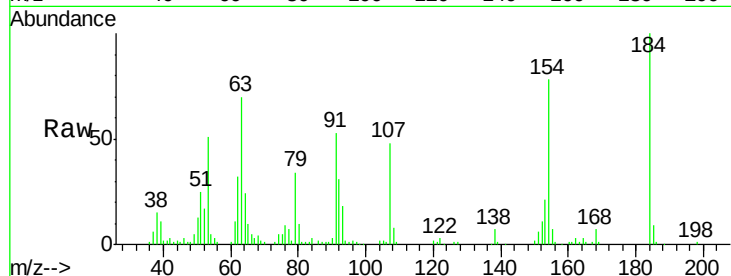




#53
2,4-Dinitrophenol
Concen: 93.27 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

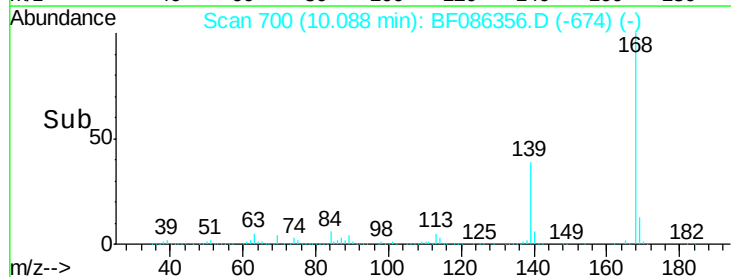
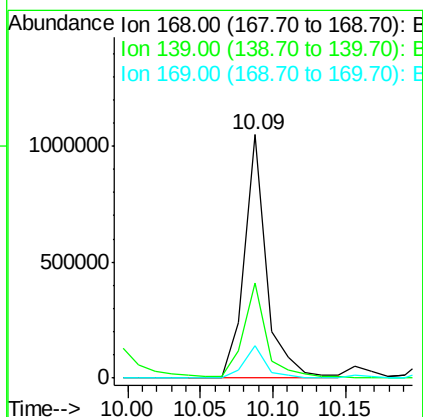
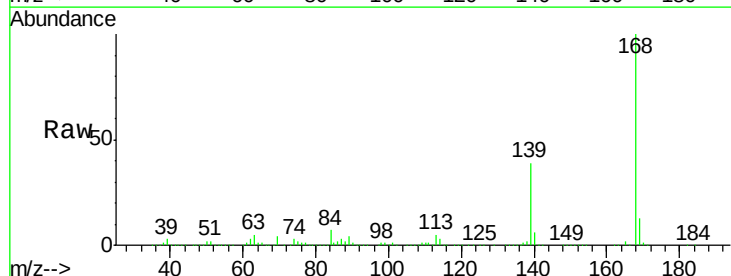
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

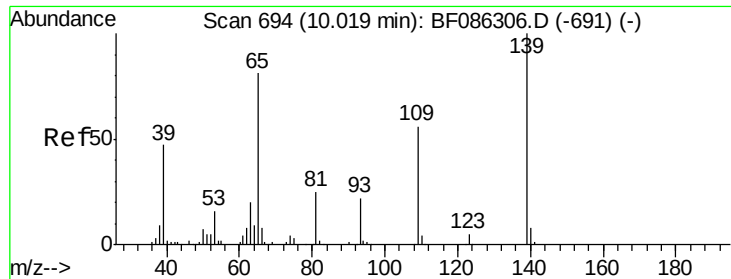
Tgt Ion:184 Resp: 122260
Ion Ratio Lower Upper
184 100
63 69.8 55.8 83.8
154 78.0 62.4 93.6



#54
Dibenzofuran
Concen: 41.74 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

Tgt Ion:168 Resp: 1118373
Ion Ratio Lower Upper
168 100
139 39.2 31.4 47.0
169 13.4 10.7 16.1

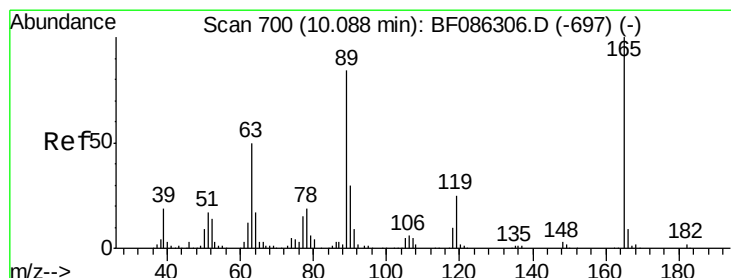
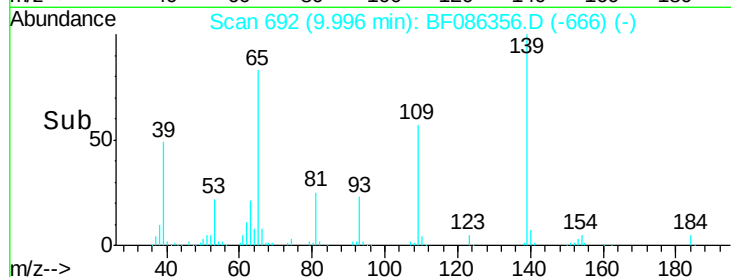
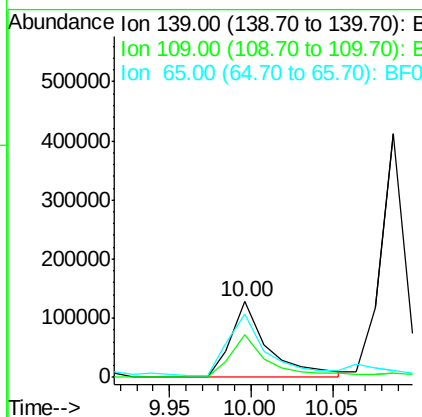
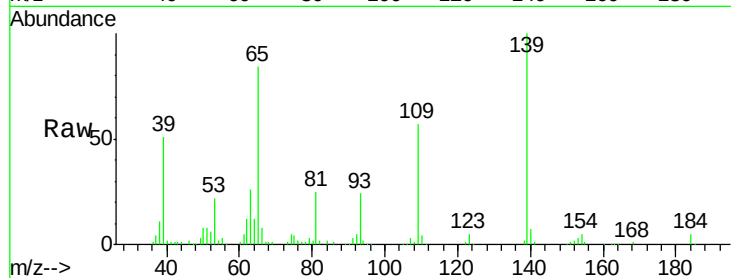




#55
4-Nitrophenol
Concen: 44.90 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

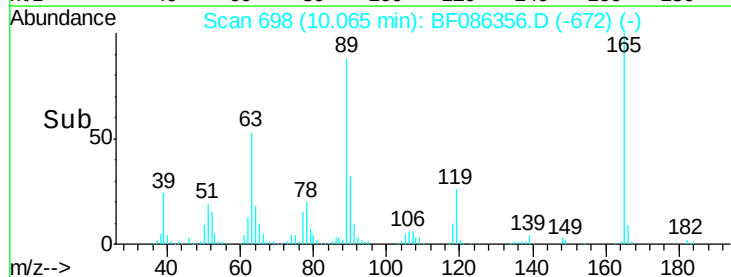
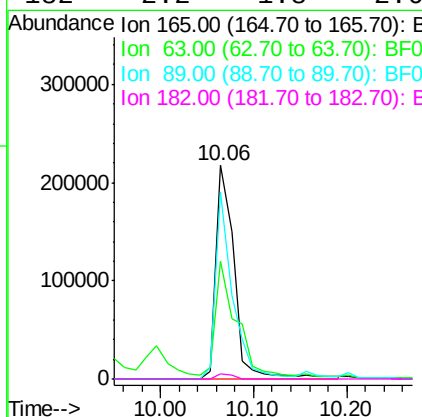
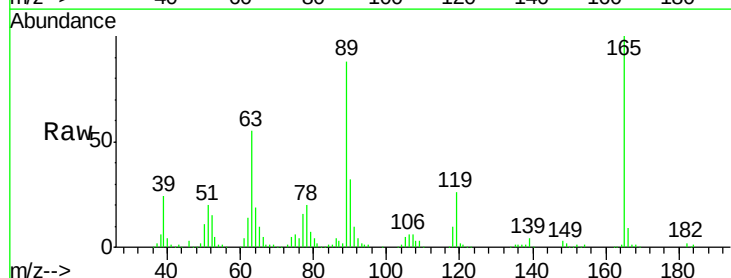
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

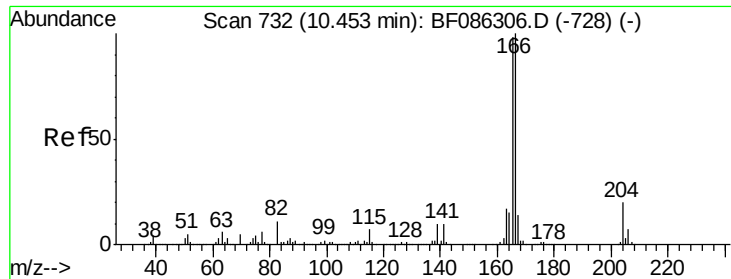
Tgt Ion:139 Resp: 204209
Ion Ratio Lower Upper
139 100
109 56.9 36.9 76.9
65 84.0 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 41.88 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

Tgt Ion:165 Resp: 295373
Ion Ratio Lower Upper
165 100
63 55.4 44.3 66.5
89 87.5 70.0 105.0
182 2.2 1.8 2.6

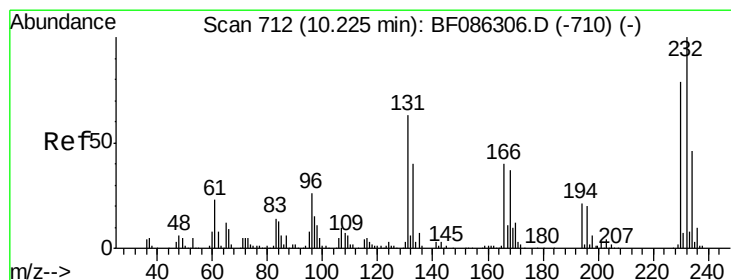
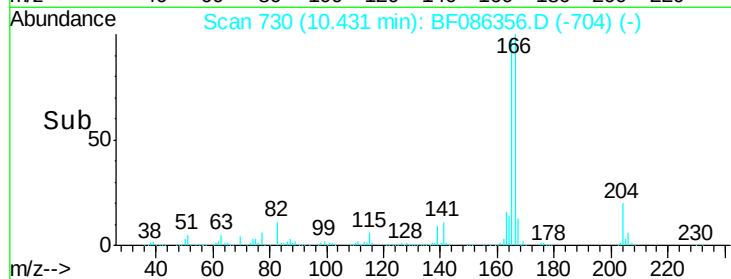
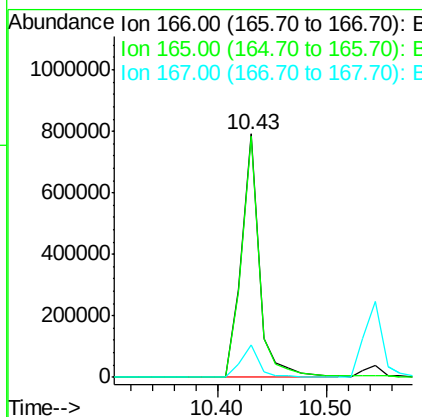
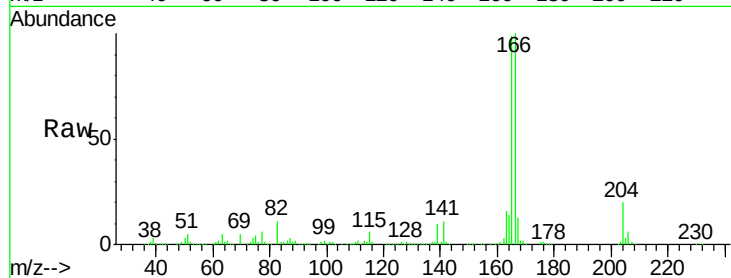




#57
 Fluorene
 Concen: 44.81 ng
 RT: 10.43 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

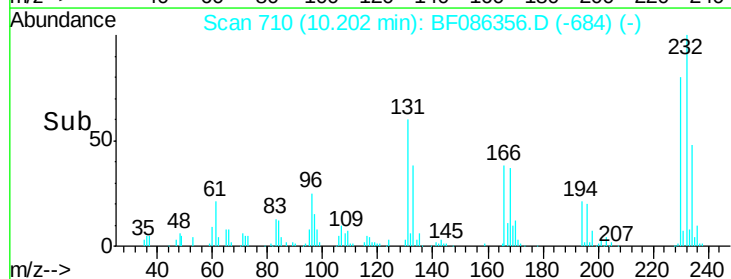
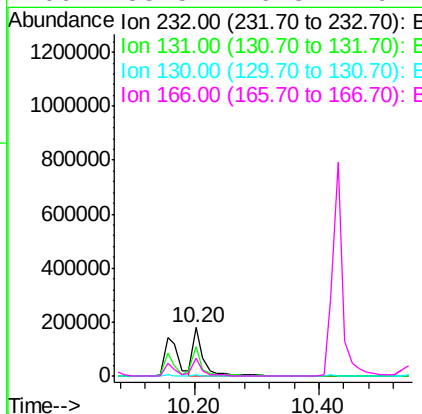
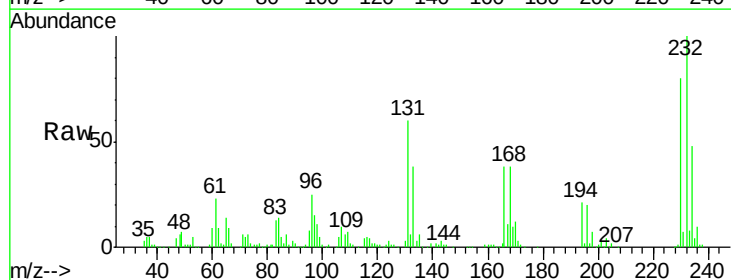
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

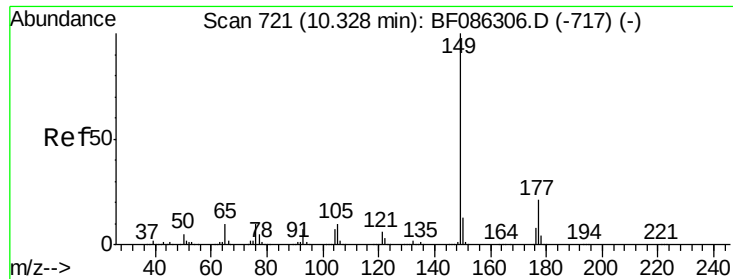
Tgt Ion:166 Resp: 901838
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.0 118.6
 167 13.2 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.74 ng
 RT: 10.20 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF086356.D
 Acq: 22 Apr 2016 20:53

Tgt Ion:232 Resp: 213588
 Ion Ratio Lower Upper
 232 100
 131 52.4 41.9 62.9
 130 2.8 2.2 3.4
 166 33.5 26.8 40.2

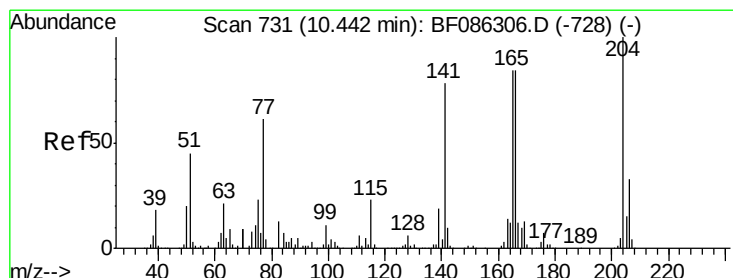
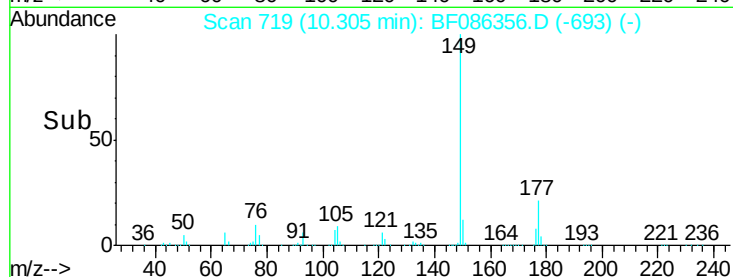
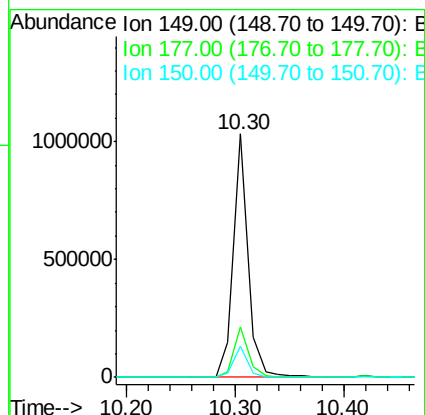
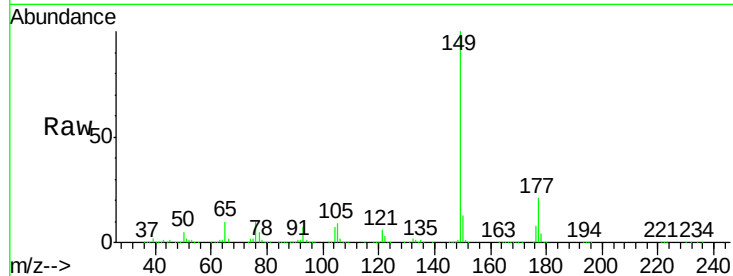




#59
Diethylphthalate
Concen: 36.43 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

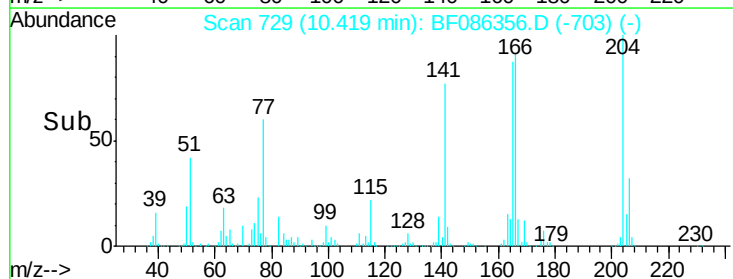
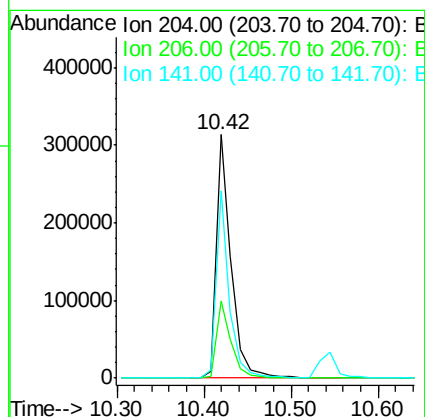
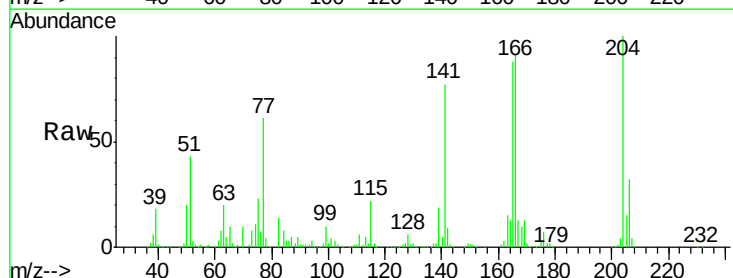
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

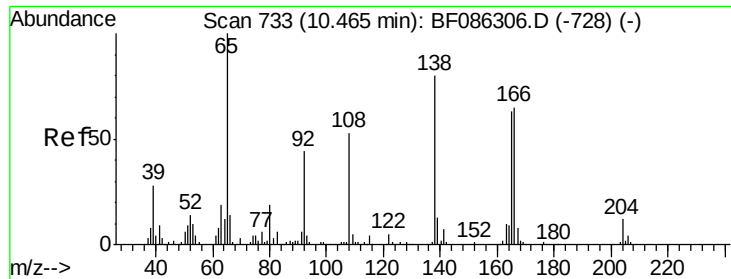
Tgt Ion:149 Resp: 966633
Ion Ratio Lower Upper
149 100
177 20.7 16.6 24.8
150 12.5 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 40.54 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086356.D
Acq: 22 Apr 2016 20:53

Tgt Ion:204 Resp: 374281
Ion Ratio Lower Upper
204 100
206 31.7 25.4 38.0
141 77.0 61.6 92.4





#61

4-Nitroaniline

Concen: 44.41 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

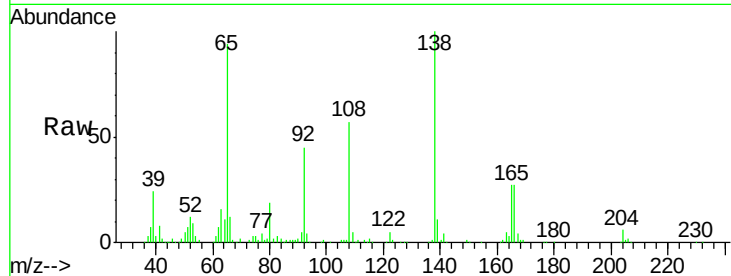
Tgt Ion:138 Resp: 304058

Ion Ratio Lower Upper

138 100

92 44.7 24.7 64.7

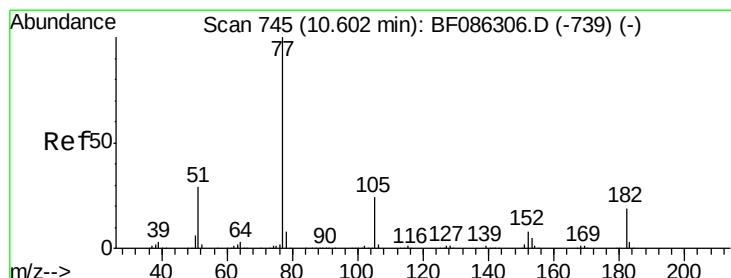
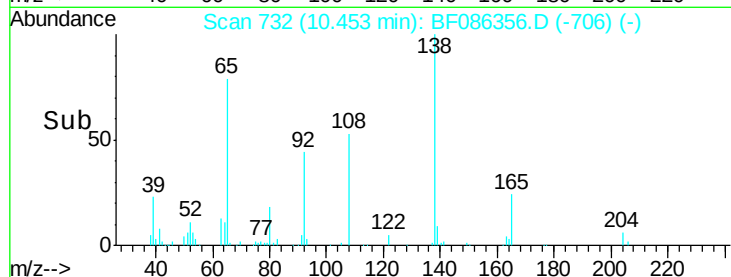
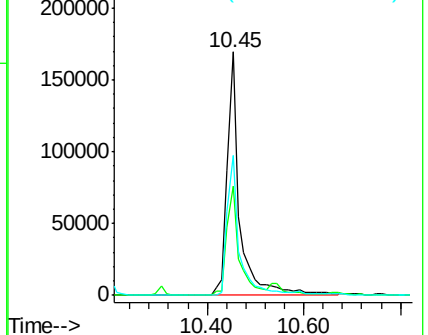
108 57.4 37.4 77.4



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: 38.12 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF086356.D

Acq: 22 Apr 2016 20:53

Tgt Ion: 77 Resp: 1000909

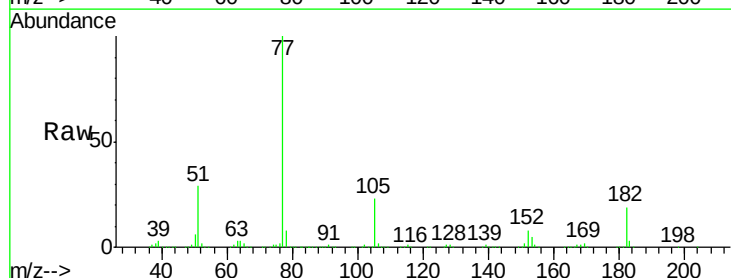
Ion Ratio Lower Upper

77 100

182 18.8 0.0 38.8

105 23.2 3.2 43.2

51 28.8 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

