

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086268.D
 Acq On : 16 Apr 2016 16:17
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 18 04:11:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	263871	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1042882	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	474004	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	781711	20.00	ng	0.00
75) Chrysene-d12	14.05	240	419241	20.00	ng	0.00
86) Perylene-d12	15.48	264	453795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1160649	72.07	ng	0.00
7) Phenol-d6	6.52	99	1549461	76.92	ng	0.00
23) Nitrobenzene-d5	7.46	82	1401378	77.50	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	301365	79.18	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2089131	81.33	ng	0.00
78) Terphenyl-d14	13.00	244	1481024	88.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	336358	37.87	ng	98
3) Pyridine	3.24	79	858715	37.07	ng	94
4) n-Nitrosodimethylamine	3.18	42	328787	39.29	ng	# 70
6) Aniline	6.56	93	1118038	38.51	ng	99
8) 2-Chlorophenol	6.68	128	704983	38.70	ng	# 77
9) Benzaldehyde	6.44	77	563430	39.42	ng	98
10) Phenol	6.53	94	995339	41.49	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	672771	37.28	ng	# 82
12) 1,3-Dichlorobenzene	6.83	146	724397	37.47	ng	99
13) 1,4-Dichlorobenzene	6.91	146	697378	37.87	ng	99
14) 1,2-Dichlorobenzene	7.07	146	681576	41.70	ng	99
15) Benzyl Alcohol	7.04	79	584604	40.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1106385	39.34	ng	99
17) 2-Methylphenol	7.15	107	618577	40.75	ng	93
18) Hexachloroethane	7.41	117	279582	40.25	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	430939	33.43	ng	# 84
20) 3+4-Methylphenols	7.30	107	603559	35.50	ng	99
22) Acetophenone	7.31	105	855581	43.68	ng	# 97
24) Nitrobenzene	7.48	77	856959	43.35	ng	95
25) Isophorone	7.72	82	1418132	39.53	ng	99
26) 2-Nitrophenol	7.79	139	364373	42.27	ng	95
27) 2,4-Dimethylphenol	7.84	122	708308	40.69	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	769045	36.46	ng	100
29) 2,4-Dichlorophenol	8.03	162	522808	39.50	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	549477	39.68	ng	98
31) Naphthalene	8.20	128	1827892	39.25	ng	99
32) Benzoic acid	7.94	122	467634	42.03	ng	95
33) 4-Chloroaniline	8.25	127	782953	37.61	ng	99
34) Hexachlorobutadiene	8.33	225	291642	42.03	ng	100
35) Caprolactam	8.62	113	195481	40.80	ng	# 69
36) 4-Chloro-3-methylphenol	8.73	107	603868	39.38	ng	97
37) 2-Methylnaphthalene	8.90	142	1212842	40.28	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	453176	45.33	ng	98
40) Hexachlorocyclopentadiene	9.05	237	209550	37.50	ng	99

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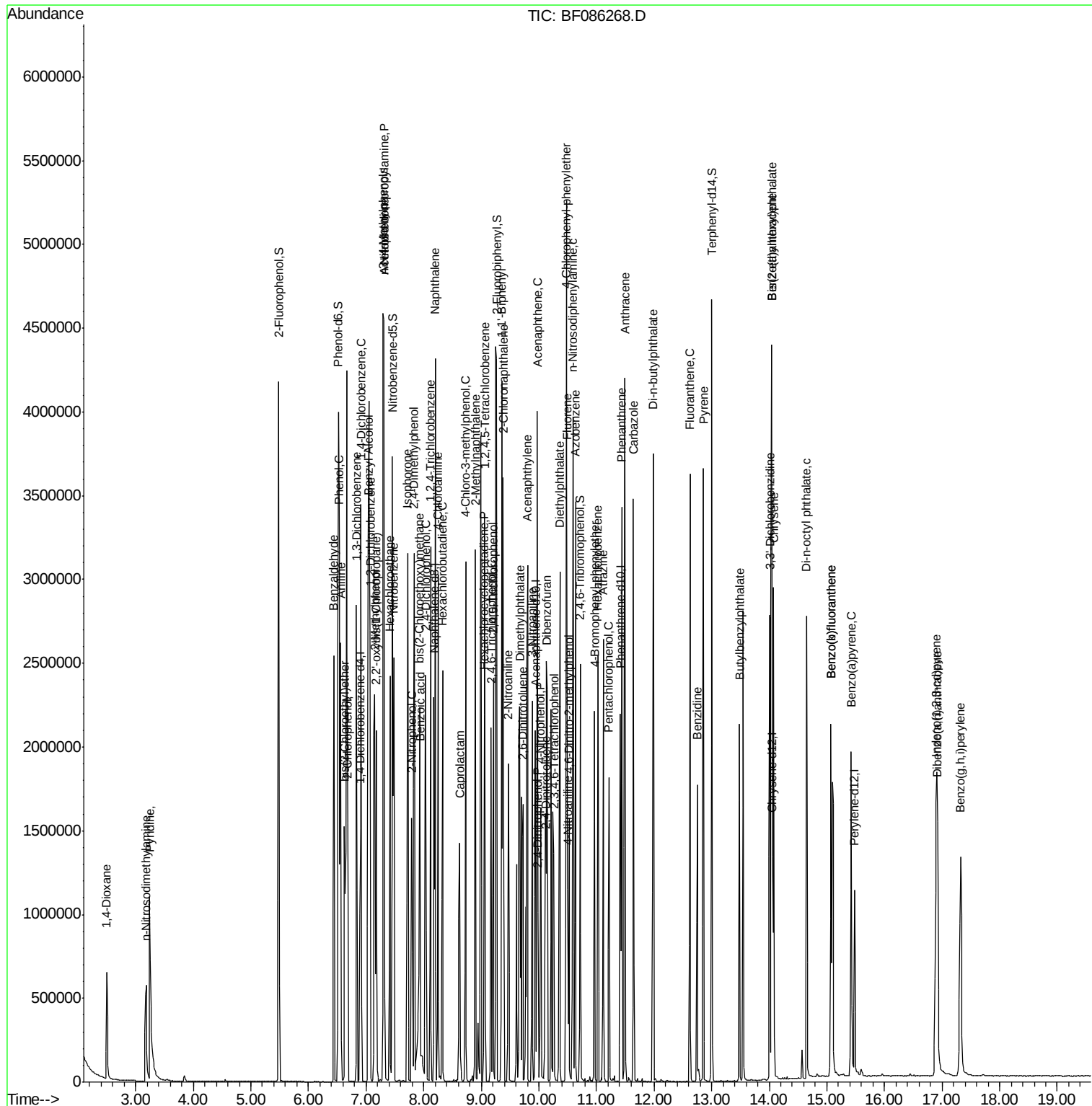
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	371852	39.82	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	386184	42.81	ng	94
45) 1,1'-Biphenyl	9.36	154	1279806	37.51	ng	99
46) 2-Chloronaphthalene	9.38	162	1074723	38.58	ng	99
47) 2-Nitroaniline	9.47	65	339162	37.58	ng	97
48) Acenaphthylene	9.80	152	1879591	42.40	ng	99
49) Dimethylphthalate	9.66	163	1387579	40.26	ng	99
50) 2,6-Dinitrotoluene	9.72	165	322918	42.34	ng	89
51) Acenaphthene	9.97	154	1133253	42.80	ng	100
52) 3-Nitroaniline	9.88	138	327200	35.31	ng	98
53) 2,4-Dinitrophenol	9.98	184	107760	40.42	ng	# 85
54) Dibenzofuran	10.14	168	1478754	42.28	ng	98
55) 4-Nitrophenol	10.03	139	250013	34.49	ng	92
56) 2,4-Dinitrotoluene	10.12	165	408261	41.82	ng	# 85
57) Fluorene	10.49	166	987268	40.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	252955	38.61	ng	98
59) Diethylphthalate	10.36	149	1399104	39.33	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	453391	45.68	ng	98
61) 4-Nitroaniline	10.50	138	331931	41.44	ng	# 78
62) Azobenzene	10.64	77	1438898	41.34	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	171968	46.22	ng	# 76
65) n-Nitrosodiphenylamine	10.59	169	944774	39.47	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	319208	43.81	ng	99
67) Hexachlorobenzene	11.02	284	306832	40.19	ng	98
68) Atrazine	11.12	200	284488	38.78	ng	98
69) Pentachlorophenol	11.22	266	204183	44.11	ng	98
70) Phenanthrene	11.44	178	1502416	40.24	ng	100
71) Anthracene	11.49	178	1594314	45.78	ng	99
72) Carbazole	11.64	167	1338077	37.68	ng	99
73) Di-n-butylphthalate	11.98	149	1932709	40.26	ng	100
74) Fluoranthene	12.62	202	1330278	40.88	ng	99
76) Benzidine	12.75	184	776691	47.76	ng	98
77) Pyrene	12.85	202	1358189	42.23	ng	99
79) Butylbenzylphthalate	13.48	149	688869	46.36	ng	98
80) Benzo(a)anthracene	14.04	228	895908	38.93	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	616678	46.22	ng	# 97
82) Chrysene	14.08	228	1007953	41.07	ng	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	713962	44.50	ng	98
84) Di-n-octyl phthalate	14.65	149	1313401	42.47	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1242837	61.61	ng	96
87) Benzo(b)fluoranthene	15.07	252	964041	34.43	ng	99
88) Benzo(k)fluoranthene	15.07	252	964041	37.76	ng	# 98
89) Benzo(a)pyrene	15.43	252	975828	40.24	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	1022486	47.71	ng	98
91) Benzo(g,h,i)perylene	17.32	276	1095649	48.08	ng	# 94

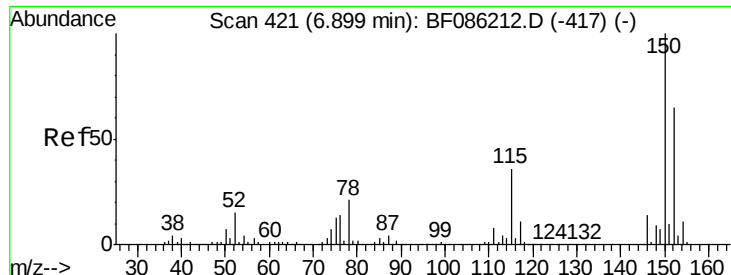
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

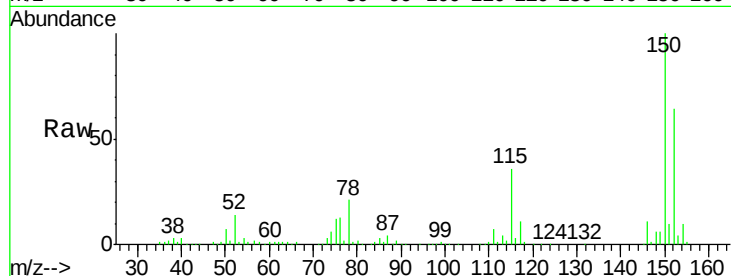
Tgt Ion:152 Resp: 263871

Ion Ratio Lower Upper

152 100

150 155.3 124.1 186.1

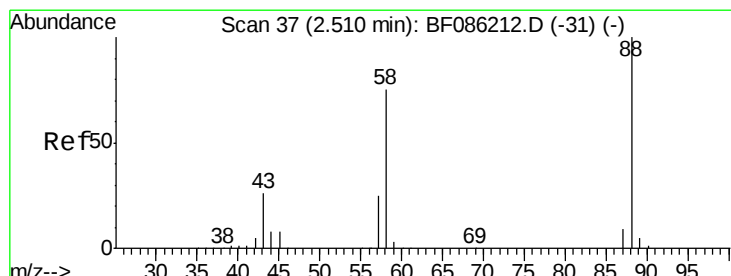
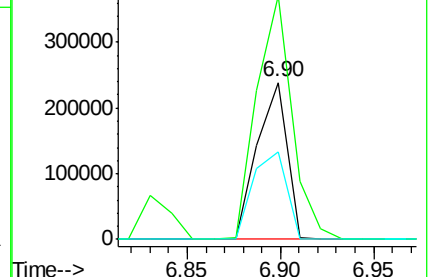
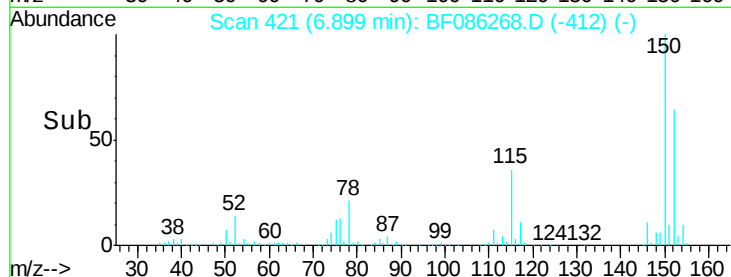
115 55.8 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.87 ng

RT: 2.50 min Scan# 36

Delta R.T. -0.01 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

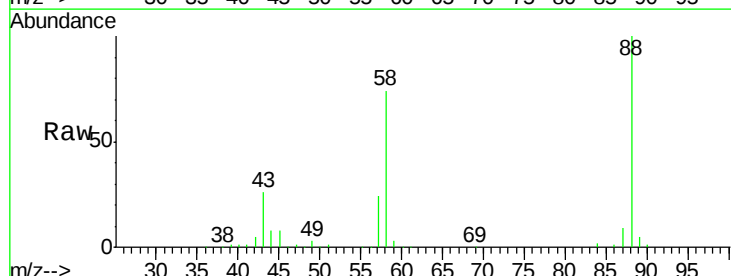
Tgt Ion: 88 Resp: 336358

Ion Ratio Lower Upper

88 100

58 72.8 58.4 87.6

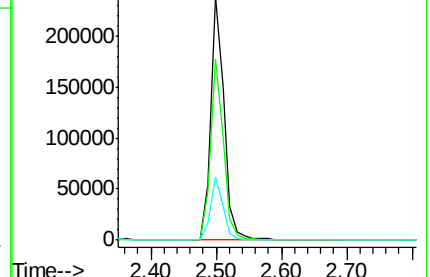
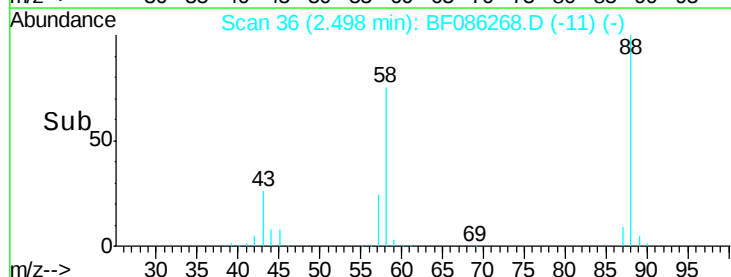
43 25.6 23.3 34.9

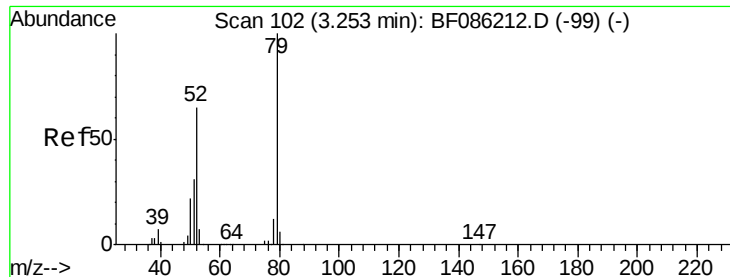


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

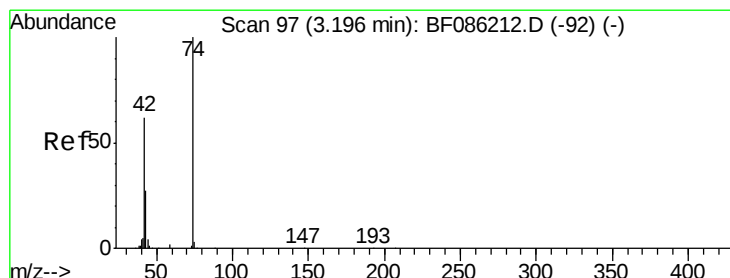
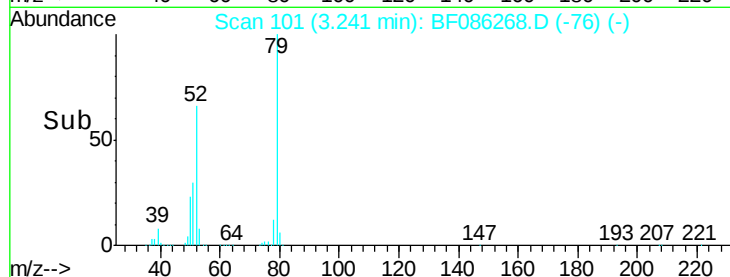
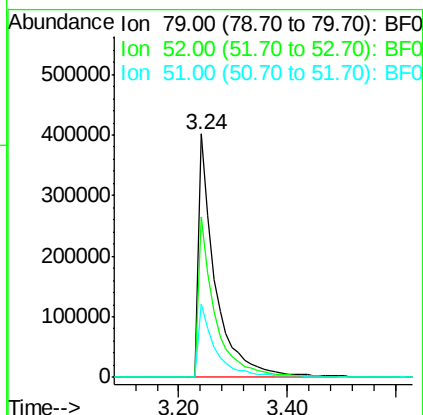
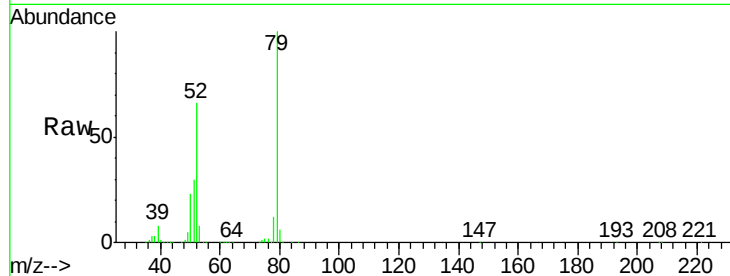




#3
 Pyridine
 Concen: 37.07 ng
 RT: 3.24 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

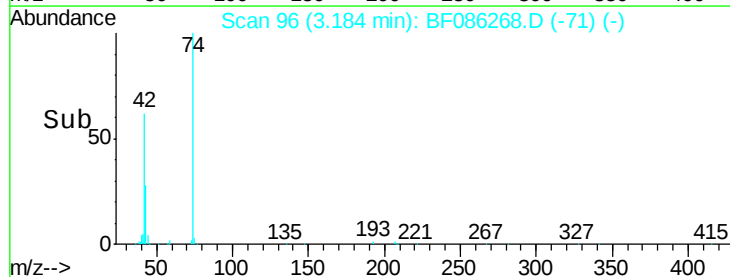
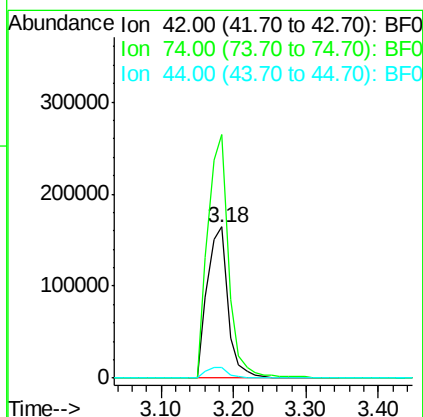
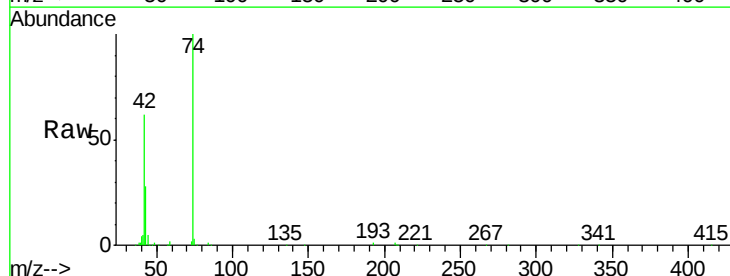
Instrument :
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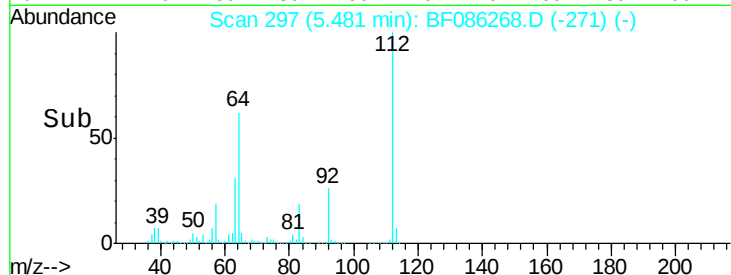
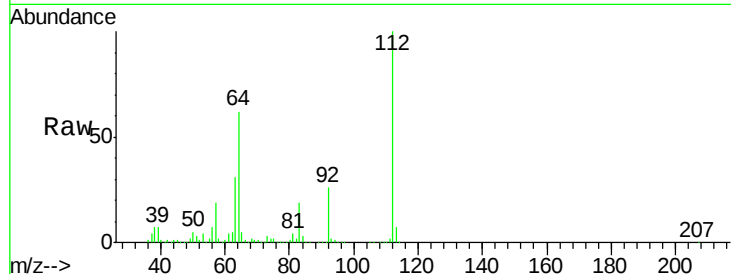
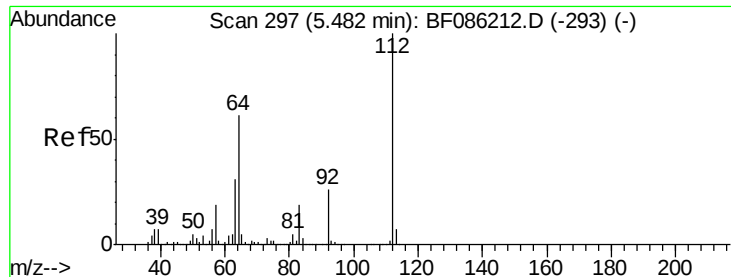
Tgt Ion: 79 Resp: 858715
 Ion Ratio Lower Upper
 79 100
 52 65.9 55.4 83.2
 51 30.4 28.1 42.1



#4
 n-Nitrosodimethylamine
 Concen: 39.29 ng
 RT: 3.18 min Scan# 96
 Delta R.T. -0.01 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion: 42 Resp: 328787
 Ion Ratio Lower Upper
 42 100
 74 161.4 100.5 150.7#
 44 7.4 5.4 8.0





#5

2-Fluorophenol

Concen: 72.07 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

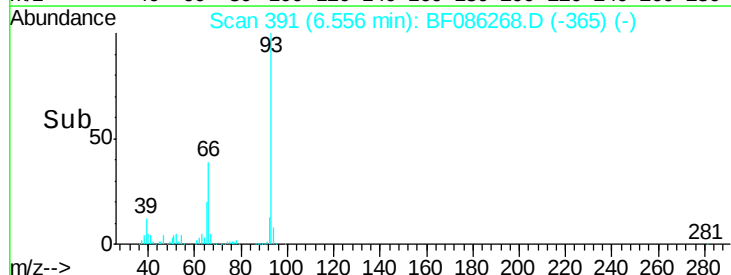
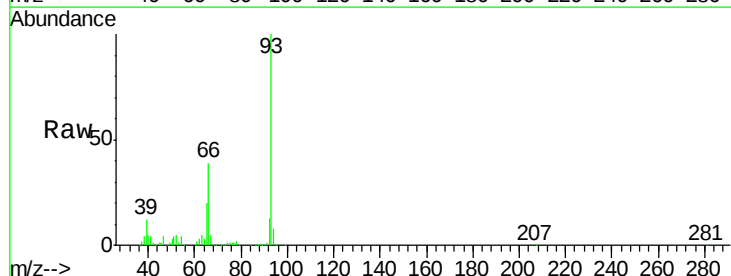
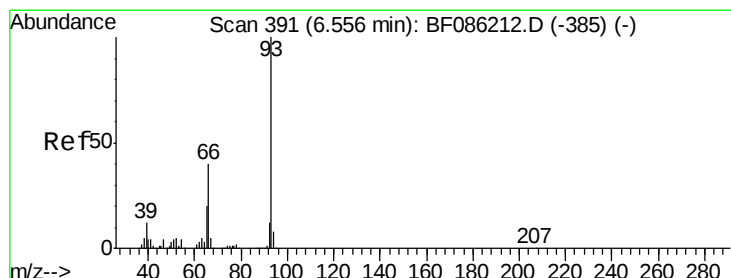
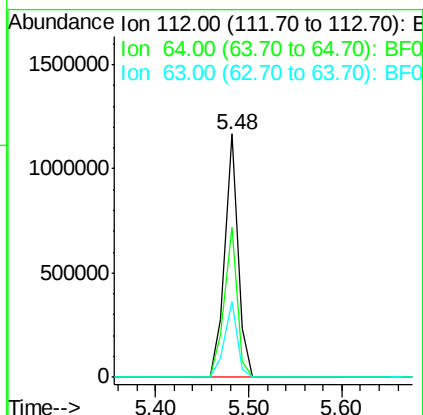
Tgt Ion:112 Resp: 1160649

Ion Ratio Lower Upper

112 100

64 61.8 48.1 72.1

63 31.4 25.5 38.3



#6

Aniline

Concen: 38.51 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

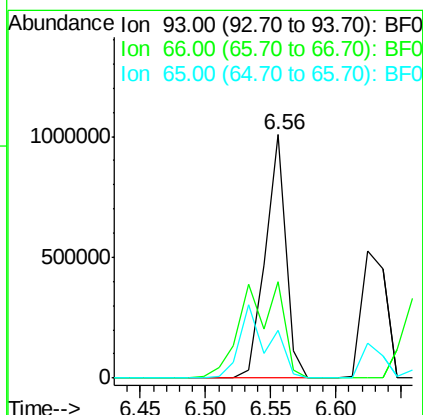
Tgt Ion: 93 Resp: 1118038

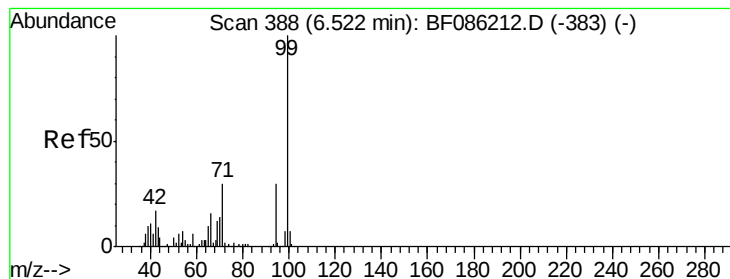
Ion Ratio Lower Upper

93 100

66 39.5 32.2 48.2

65 19.8 16.4 24.6





#7

Phenol-d6

Concen: 76.92 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

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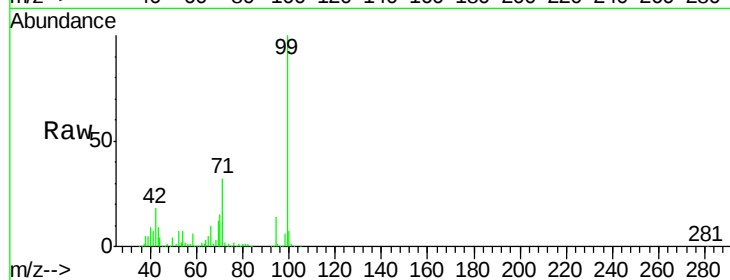
Tgt Ion: 99 Resp: 1549461

Ion Ratio Lower Upper

99 100

42 18.4 15.4 23.2

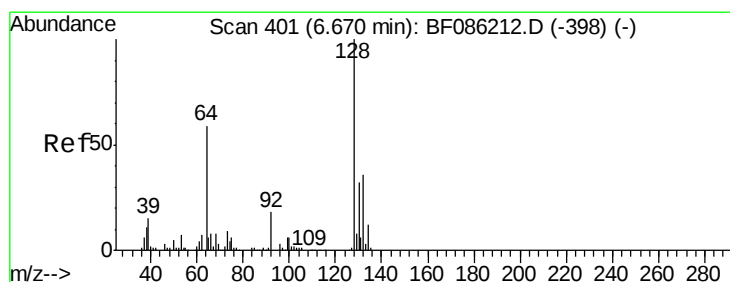
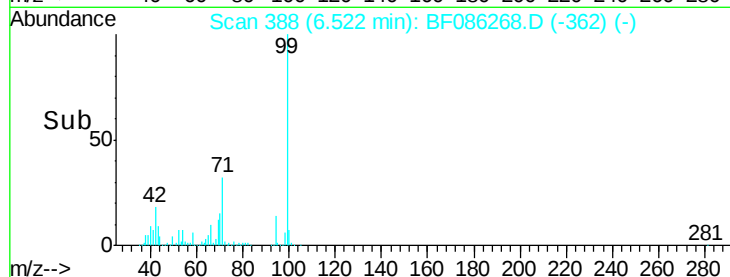
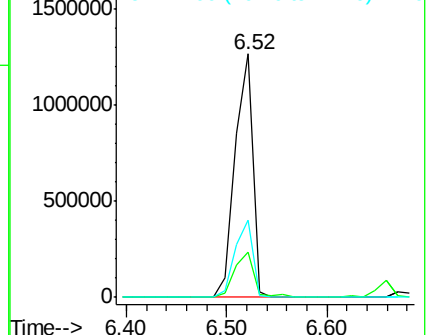
71 31.7 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.70 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

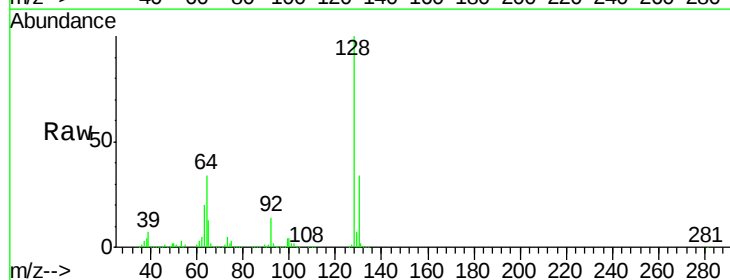
Tgt Ion: 128 Resp: 704983

Ion Ratio Lower Upper

128 100

130 33.7 11.8 51.8

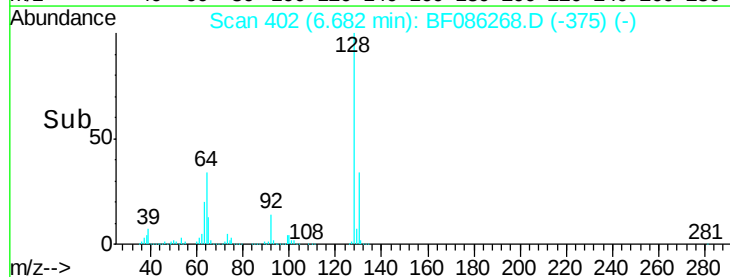
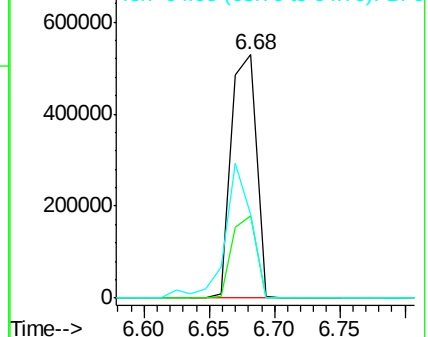
64 34.4 39.5 79.5#

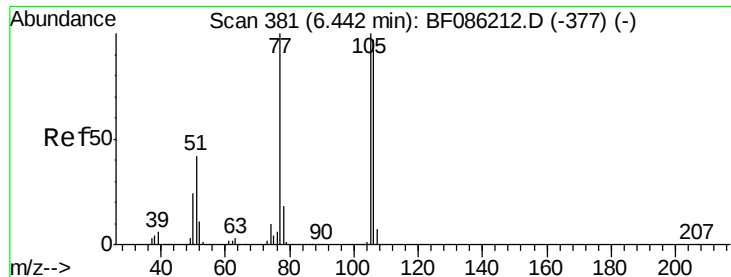


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.42 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

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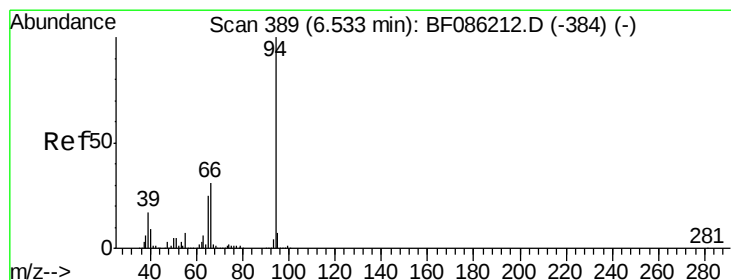
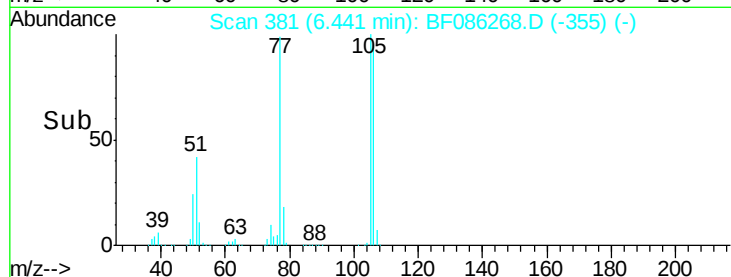
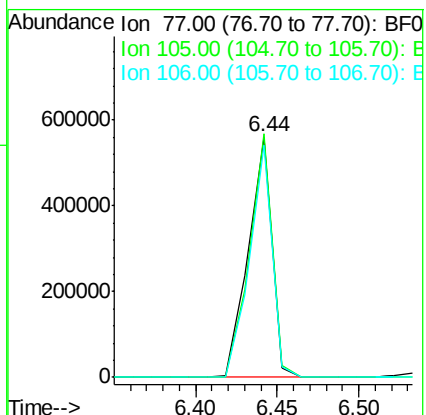
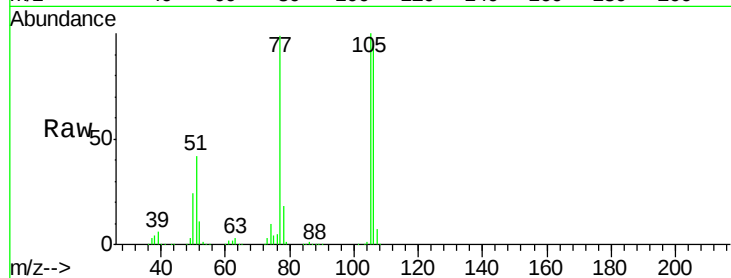
Tgt Ion: 77 Resp: 563430

Ion Ratio Lower Upper

77 100

105 101.5 84.6 124.6

106 96.7 78.6 118.6



#10

Phenol

Concen: 41.49 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF086268.D

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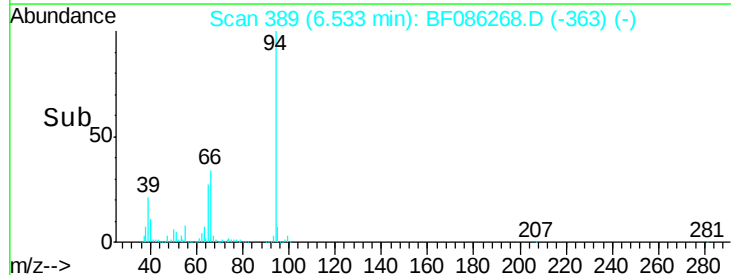
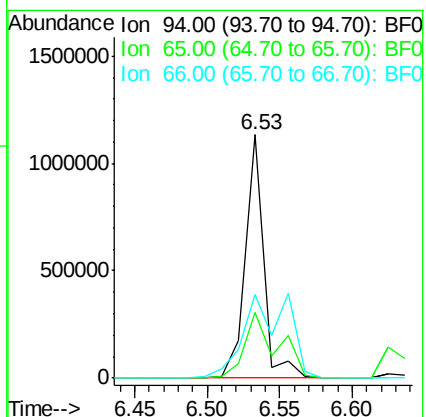
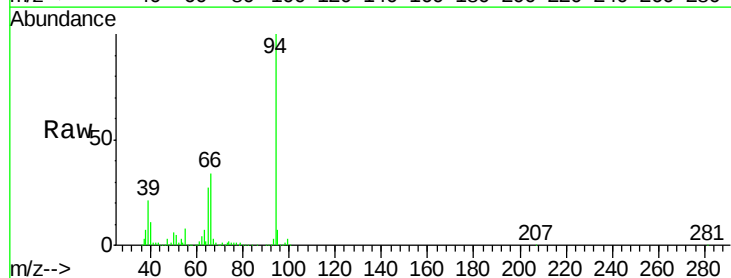
Tgt Ion: 94 Resp: 995339

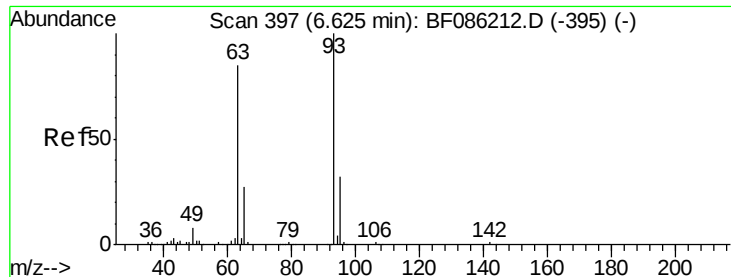
Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

66 34.2 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 37.28 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

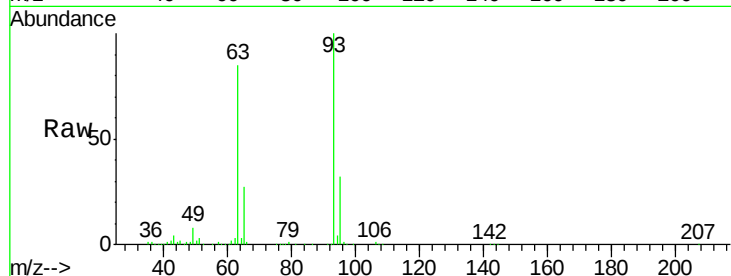
Tgt Ion: 93 Resp: 672771

Ion Ratio Lower Upper

93 100

63 85.1 44.4 84.4#

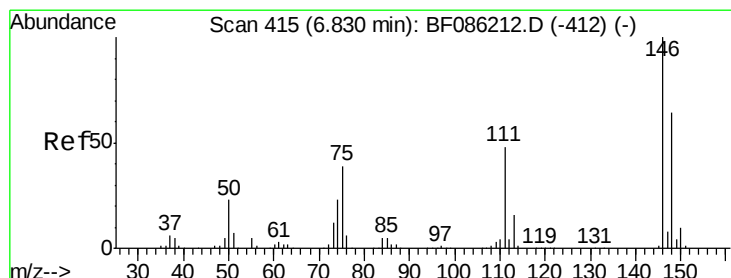
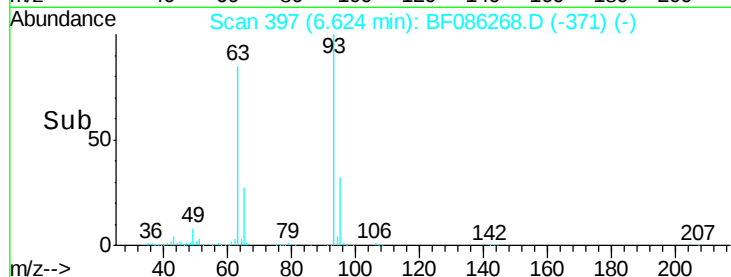
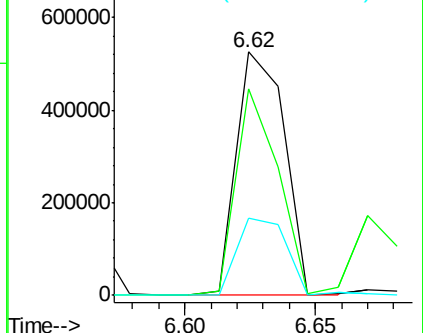
95 31.9 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.47 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

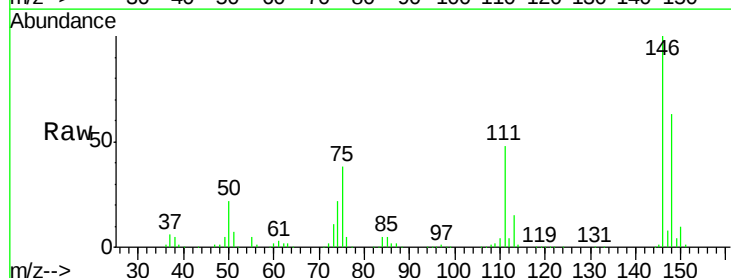
Tgt Ion: 146 Resp: 724397

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

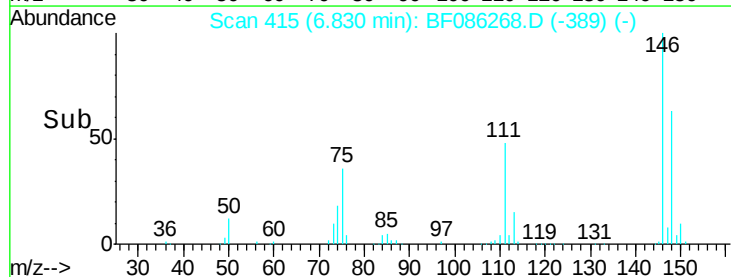
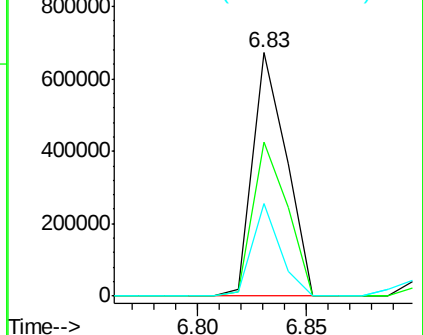
75 37.9 29.9 44.9

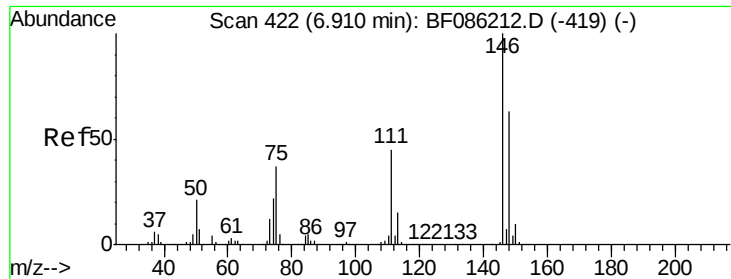


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.87 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

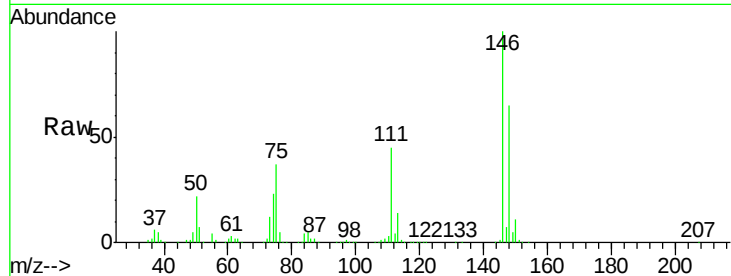
Tgt Ion:146 Resp: 697378

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

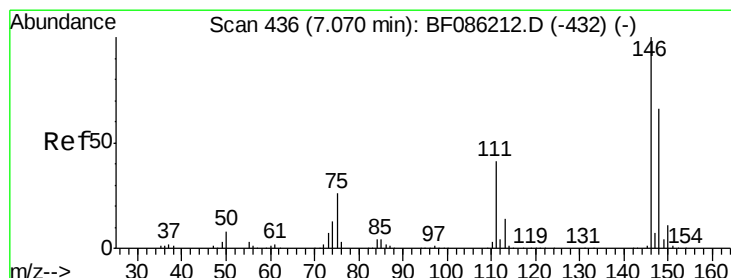
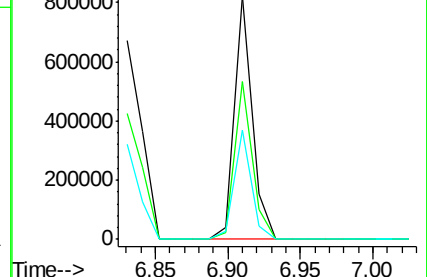
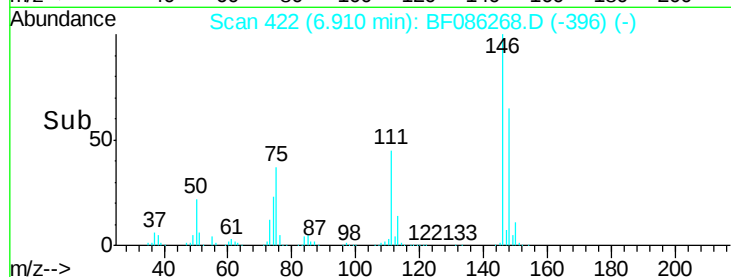
111 44.9 34.9 52.3



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: 41.70 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

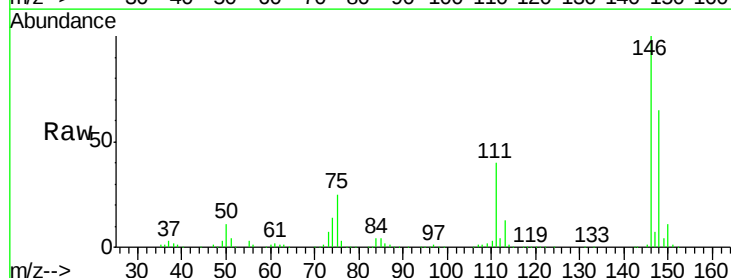
Tgt Ion:146 Resp: 681576

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

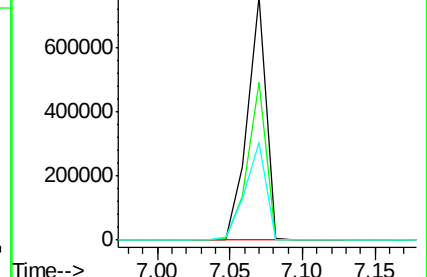
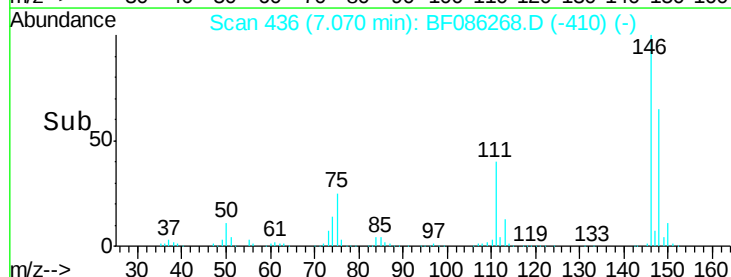
111 40.2 31.0 46.4

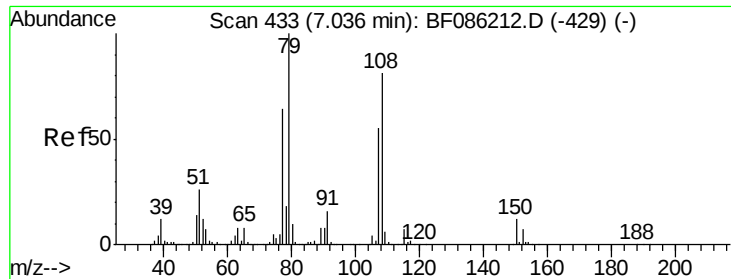


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.91 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

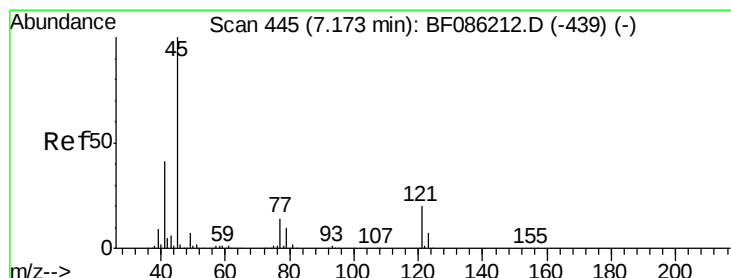
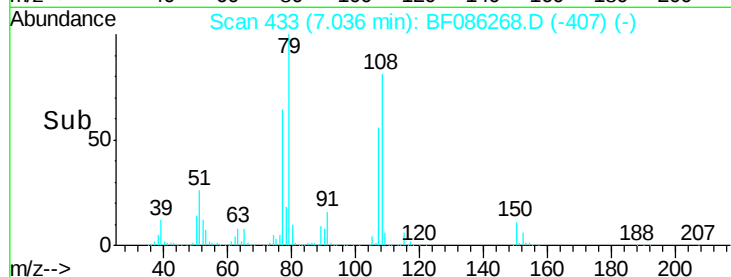
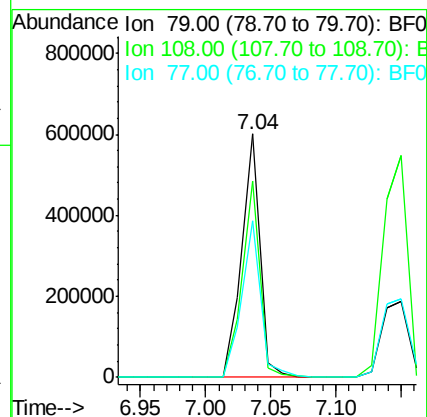
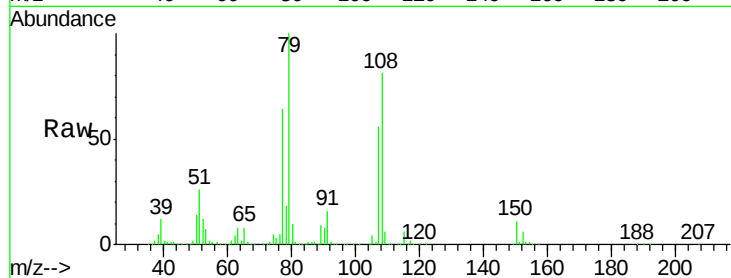
Tgt Ion: 79 Resp: 584604

Ion Ratio Lower Upper

79 100

108 80.9 64.8 97.2

77 64.1 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.34 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

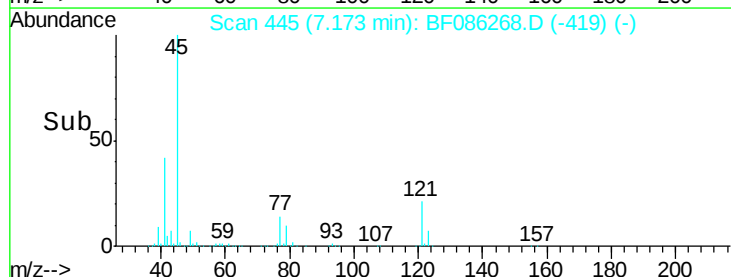
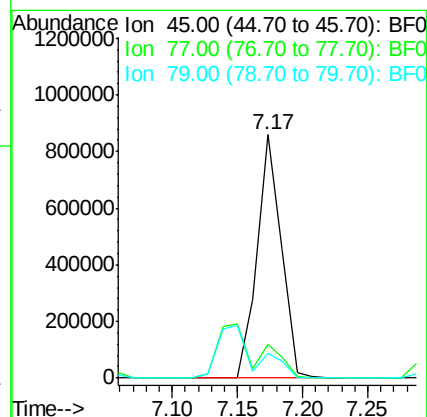
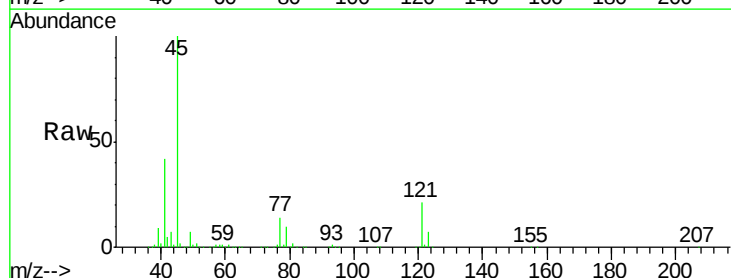
Tgt Ion: 45 Resp: 1106385

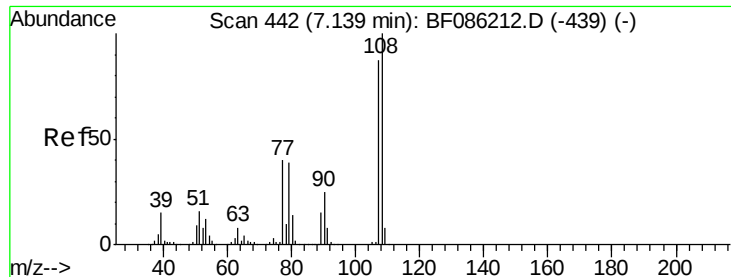
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.7

79 10.4 0.0 30.1

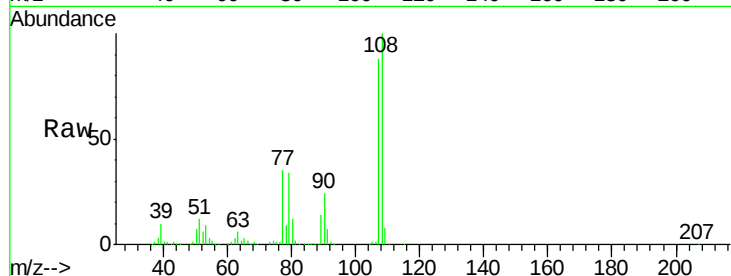




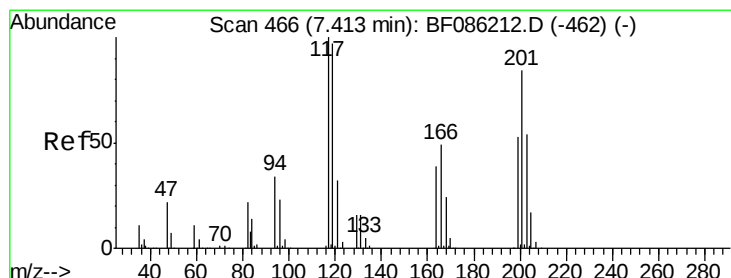
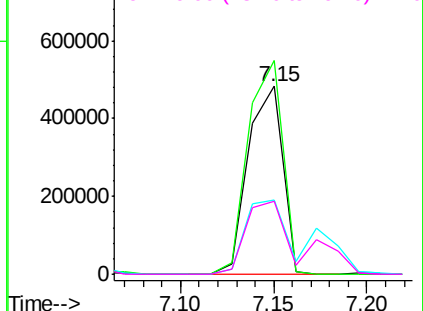
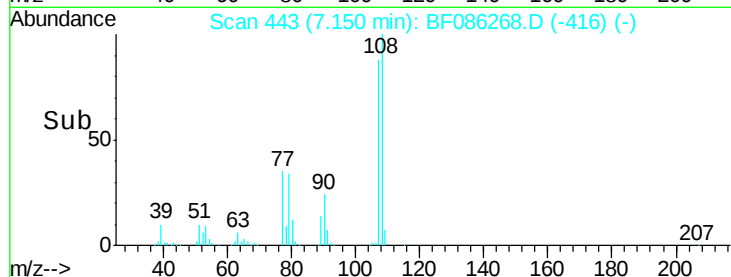
#17
2-Methylphenol
Concen: 40.75 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	618577
Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.7	139.1
77	39.8	39.6	59.4
79	38.9	37.4	56.2

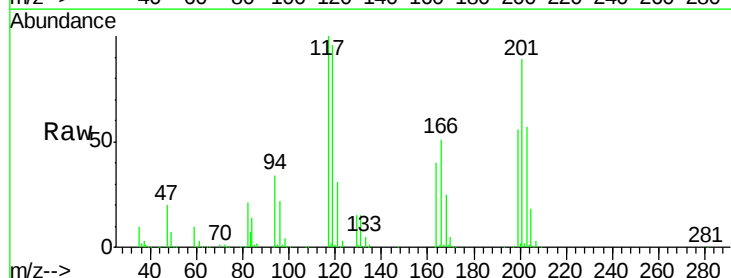


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

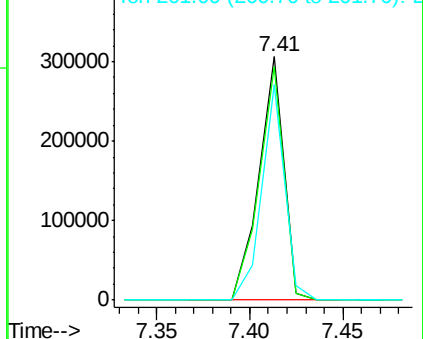
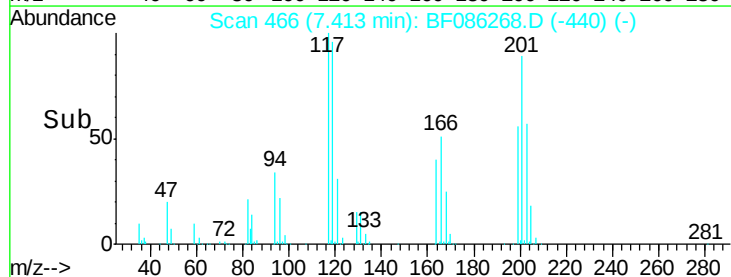


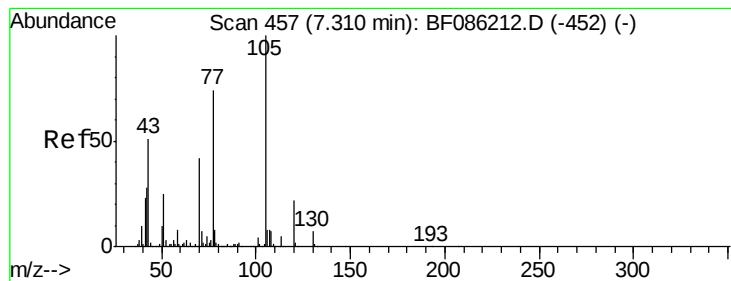
#18
Hexachloroethane
Concen: 40.25 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Tgt Ion:	117	Resp:	279582
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.4
201	88.7	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.43 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 430939

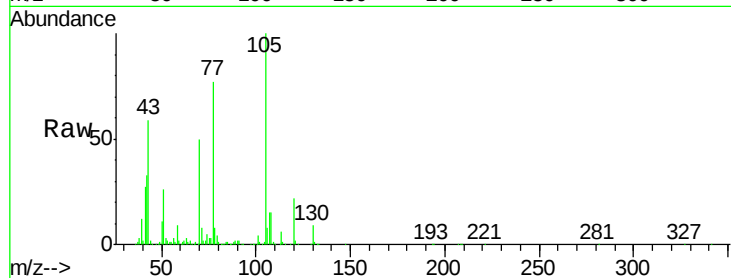
Ion Ratio Lower Upper

70 100

42 66.9 43.0 64.4#

101 8.3 8.1 12.1

130 17.2 20.1 30.1#



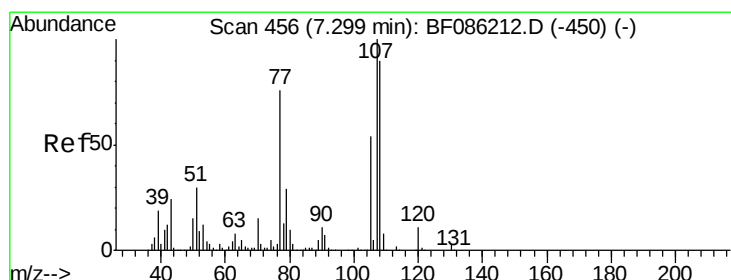
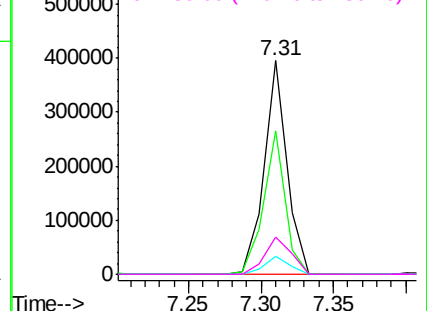
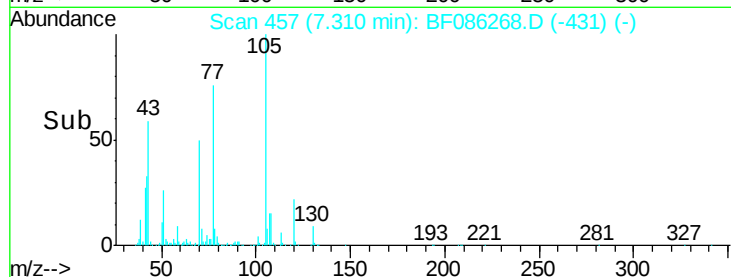
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 35.50 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Tgt Ion: 107 Resp: 603559

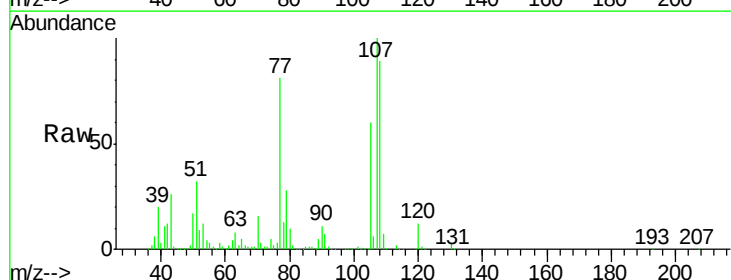
Ion Ratio Lower Upper

107 100

108 88.9 69.7 109.7

77 81.4 60.5 100.5

79 27.7 8.1 48.1



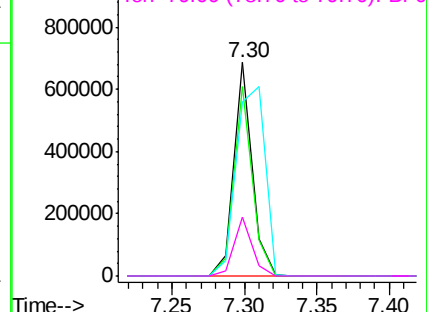
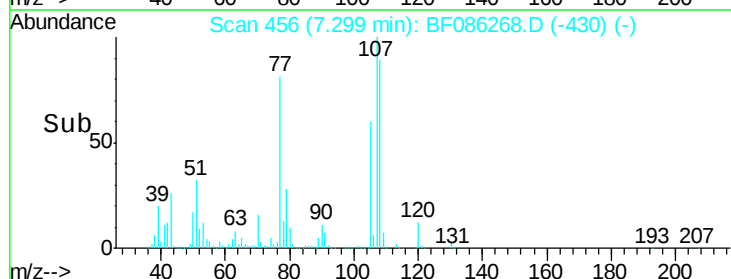
Abundance

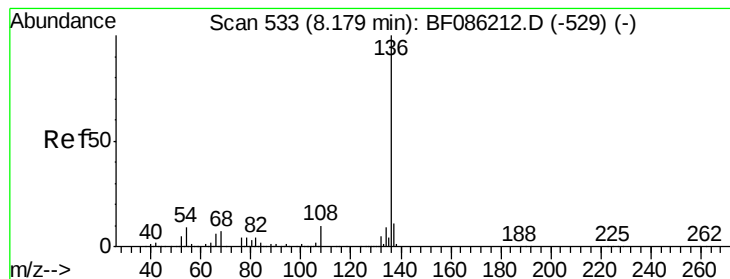
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1042882

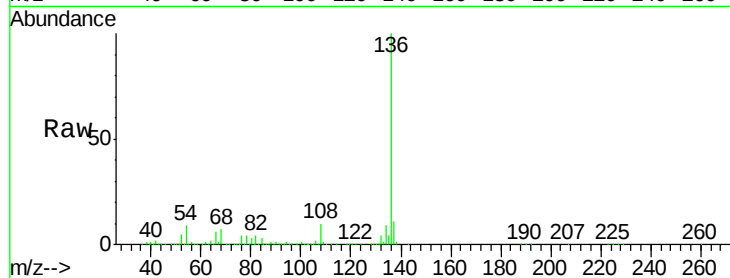
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.1 7.3 10.9

68 7.4 5.7 8.5

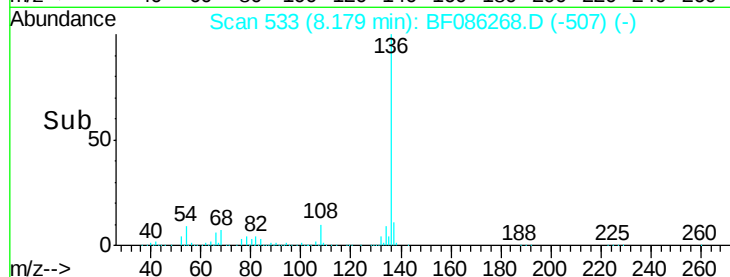


Abundance Ion 136.00 (135.70 to 136.70): E

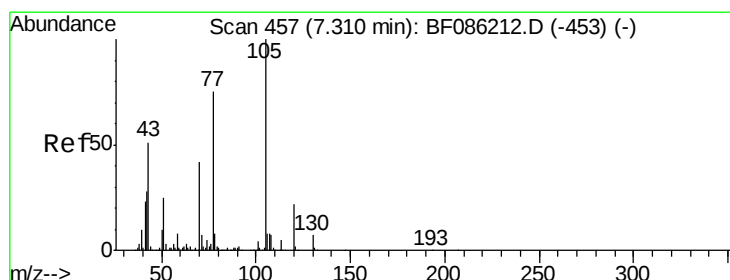
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.15 8.20 8.25



#22

Acetophenone

Concen: 43.68 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Tgt Ion:105 Resp: 855581

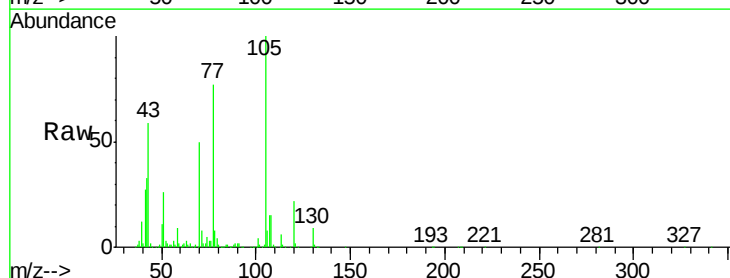
Ion Ratio Lower Upper

105 100

71 8.2 4.0 6.0#

51 25.8 22.0 33.0

120 22.1 17.5 26.3

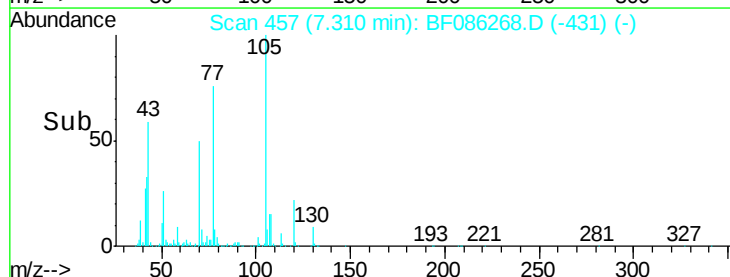


Abundance Ion 105.00 (104.70 to 105.70): E

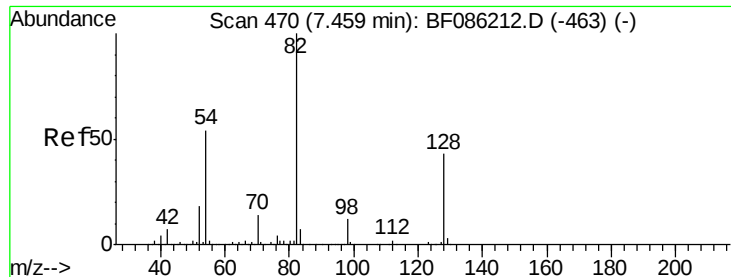
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



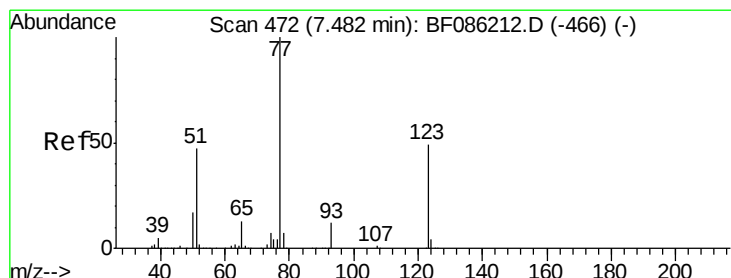
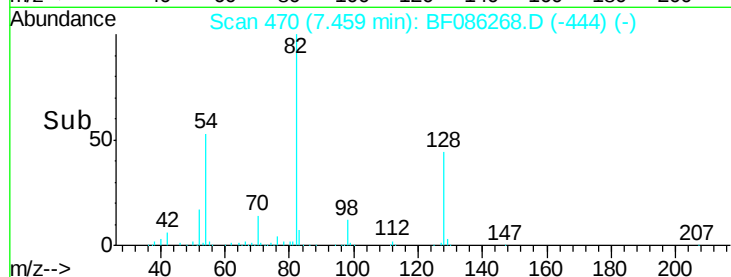
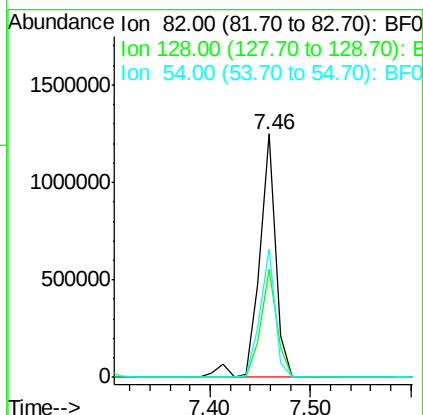
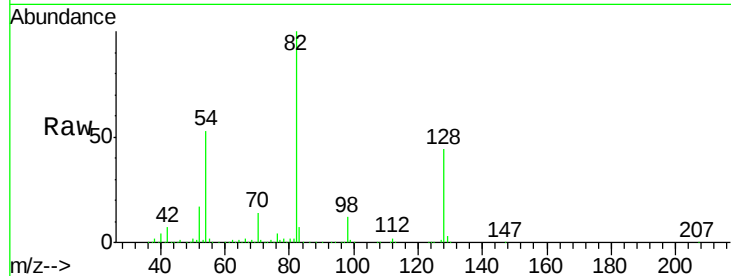
Time--> 7.25 7.30 7.35 7.40



#23
 Nitrobenzene-d5
 Concen: 77.50 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

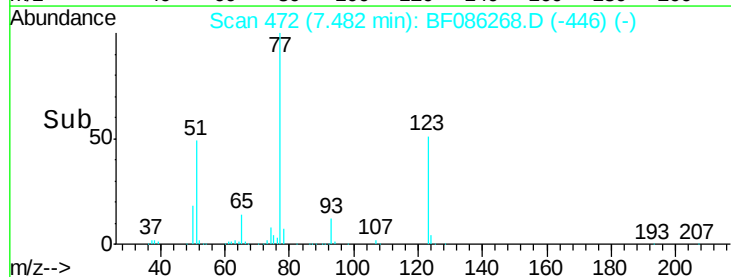
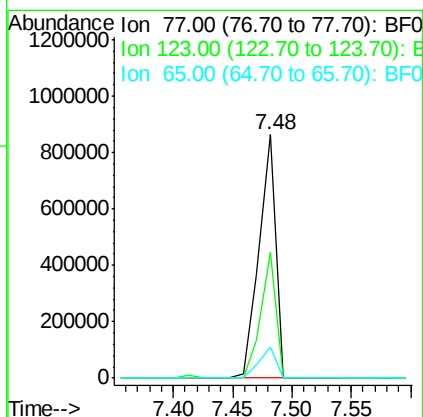
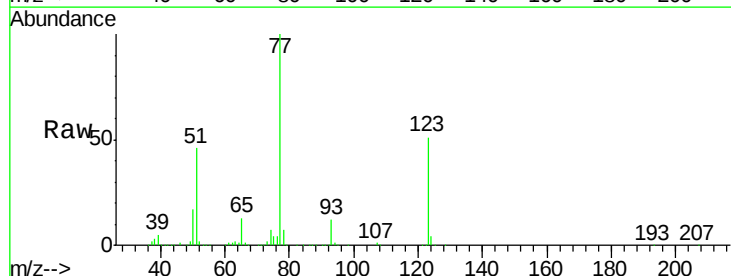
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

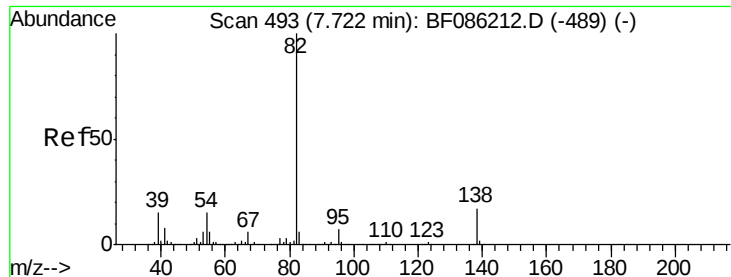
Tgt Ion: 82 Resp: 1401378
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.4 53.2
 54 52.7 43.4 65.0



#24
 Nitrobenzene
 Concen: 43.35 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion: 77 Resp: 856959
 Ion Ratio Lower Upper
 77 100
 123 51.4 38.3 57.5
 65 13.0 11.3 16.9

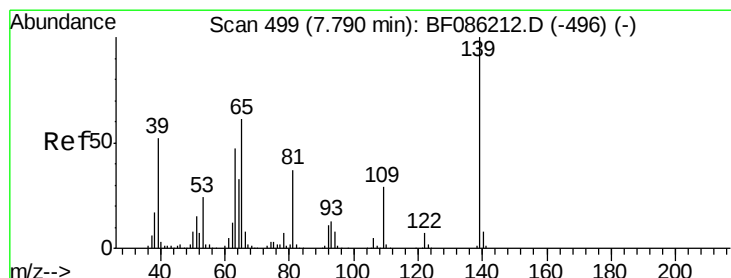
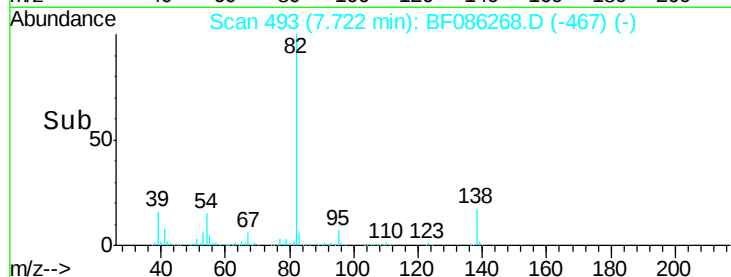
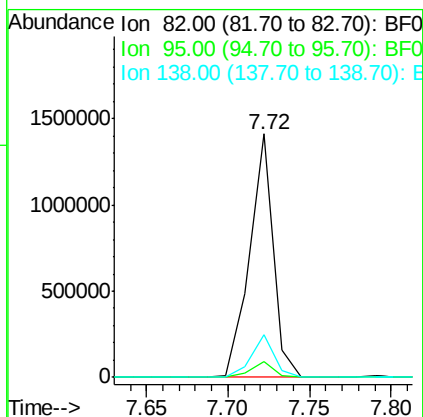
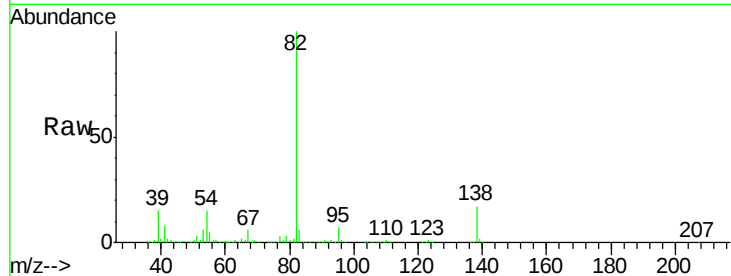




#25
Isophorone
Concen: 39.53 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

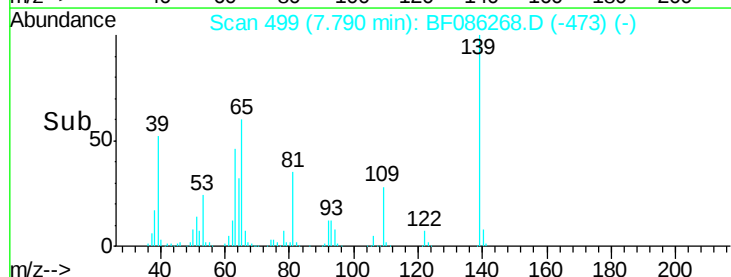
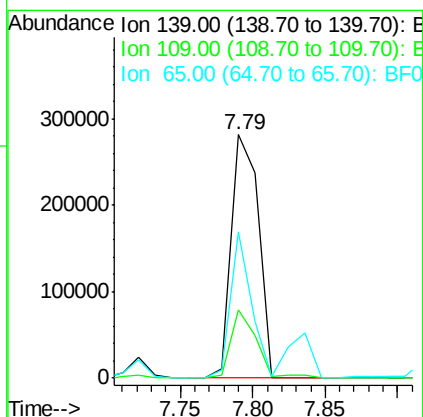
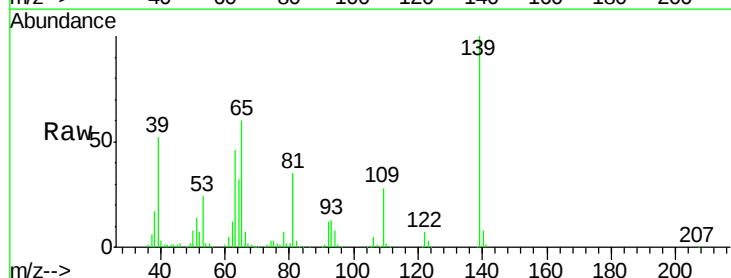
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

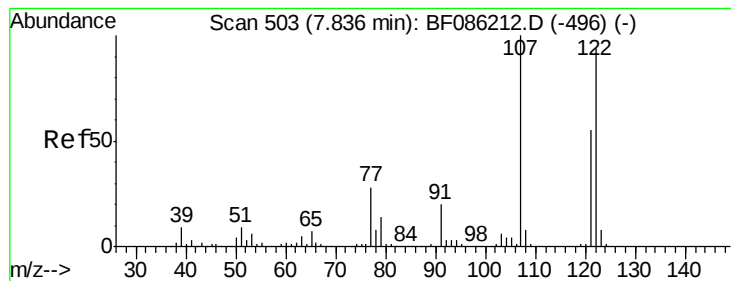
Tgt Ion: 82 Resp: 1418132
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 17.3 13.4 20.2



#26
2-Nitrophenol
Concen: 42.27 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Tgt Ion: 139 Resp: 364373
Ion Ratio Lower Upper
139 100
109 28.0 25.8 38.8
65 60.1 50.2 75.2





#27

2,4-Dimethylphenol

Concen: 40.69 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

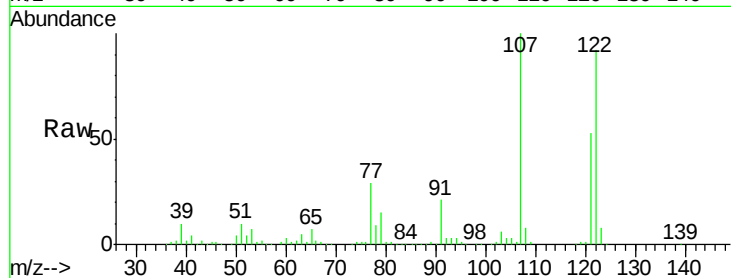
Tgt Ion:122 Resp: 708308

Ion Ratio Lower Upper

122 100

107 108.8 85.8 128.6

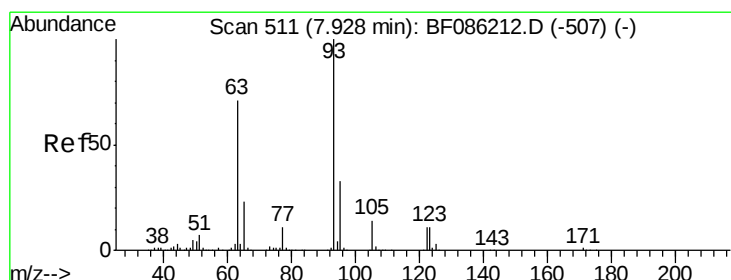
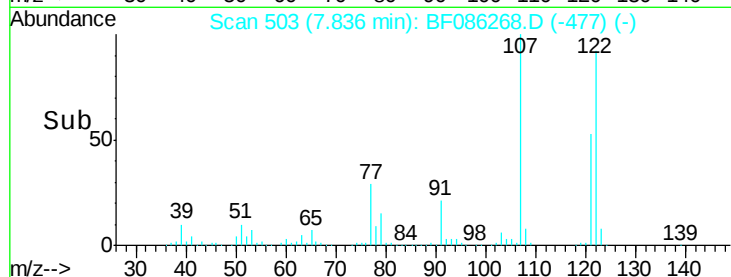
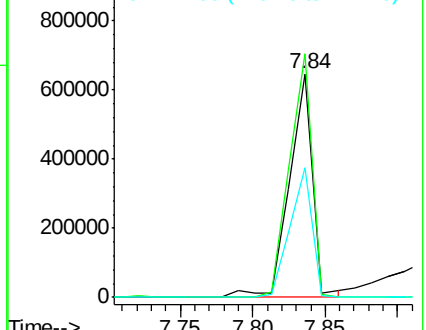
121 57.8 47.1 70.7



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: 36.46 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

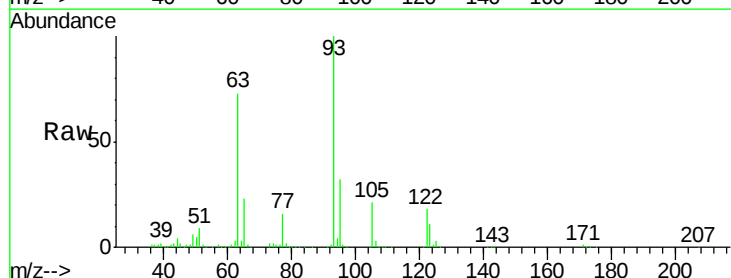
Tgt Ion: 93 Resp: 769045

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

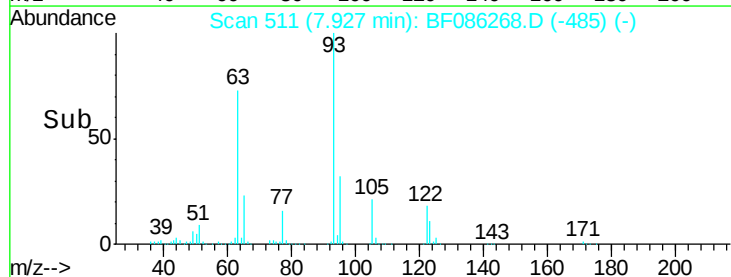
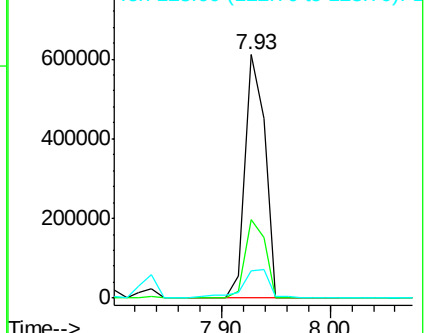
123 11.3 8.9 13.3

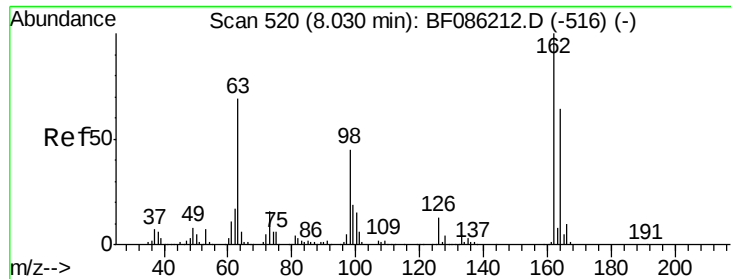


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

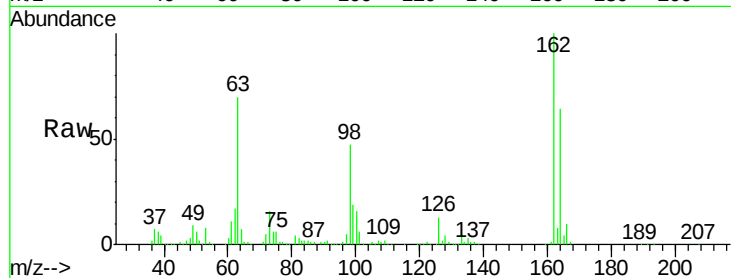




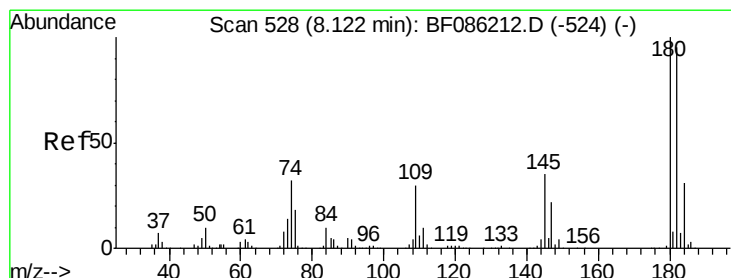
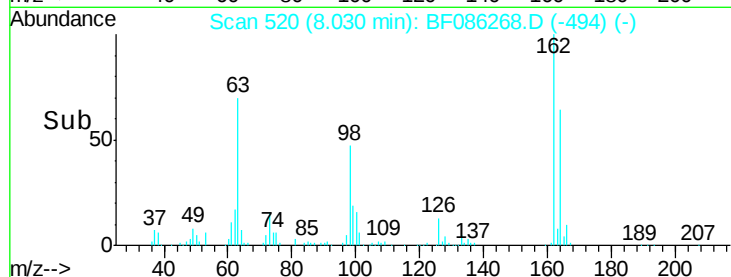
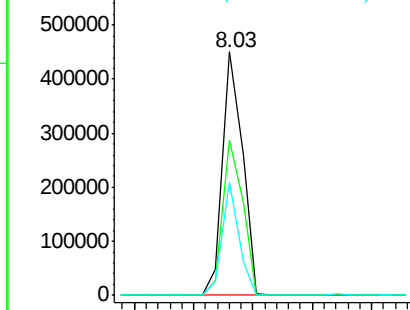
#29
 2,4-Dichlorophenol
 Concen: 39.50 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.3	83.3
98	46.6	22.9	62.9

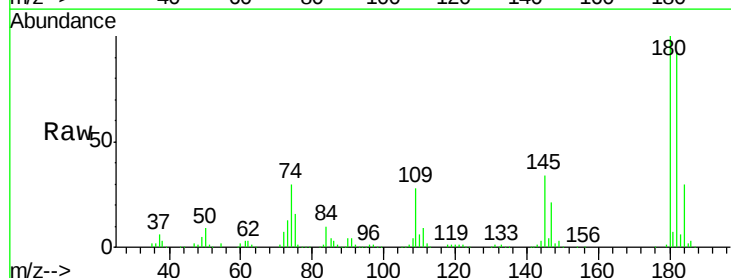


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

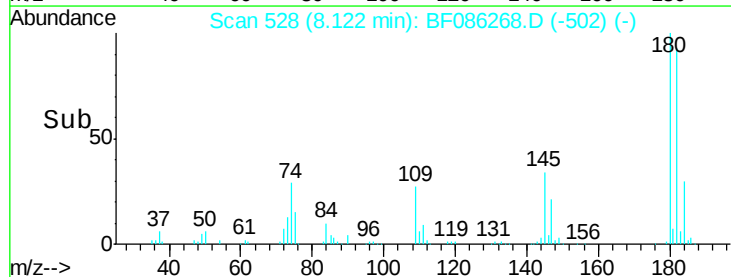
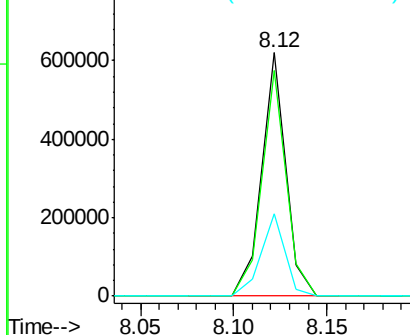


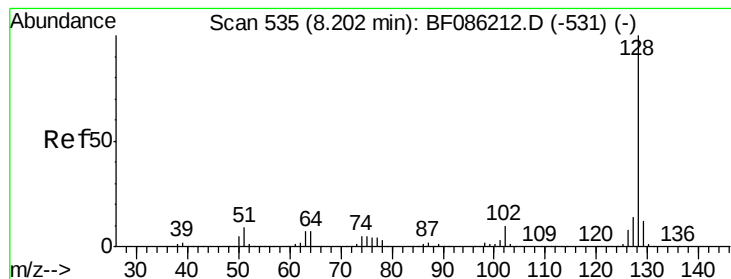
#30
 1,2,4-Trichlorobenzene
 Concen: 39.68 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.3	114.5
145	33.9	27.4	41.2



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





#31

Naphthalene

Concen: 39.25 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

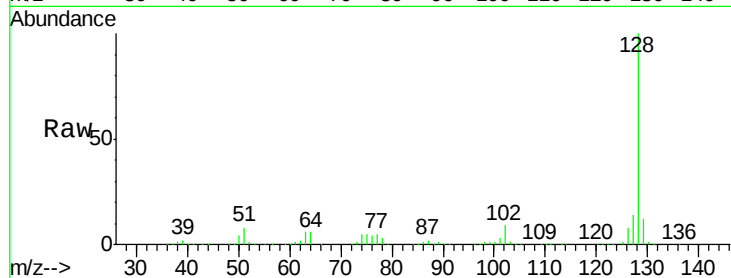
Tgt Ion:128 Resp: 1827892

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

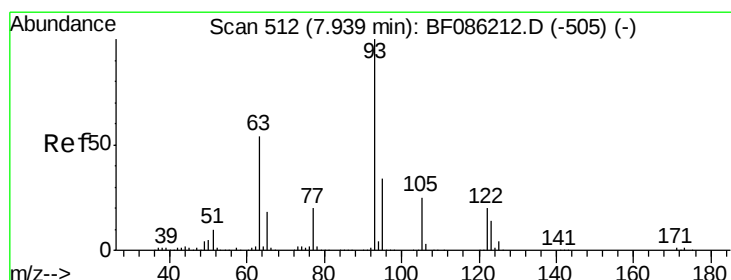
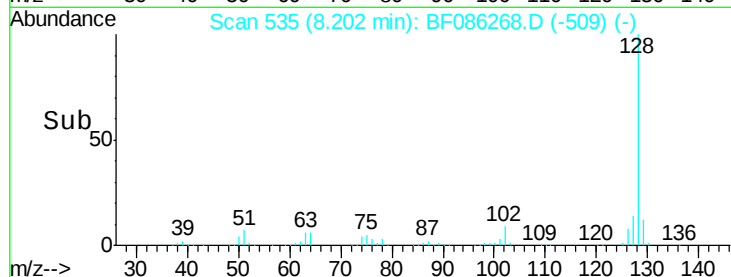
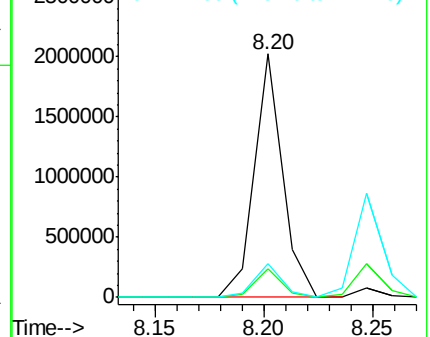
127 14.0 11.4 17.2



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: 42.03 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

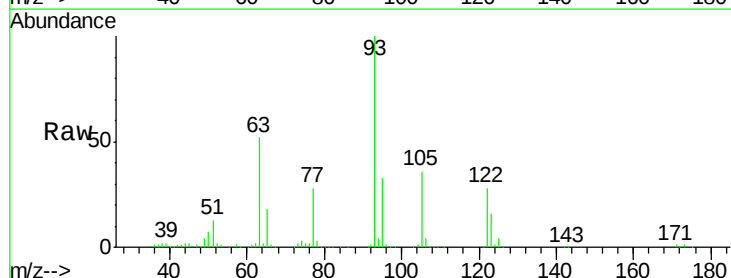
Tgt Ion:122 Resp: 467634

Ion Ratio Lower Upper

122 100

105 128.2 103.7 143.7

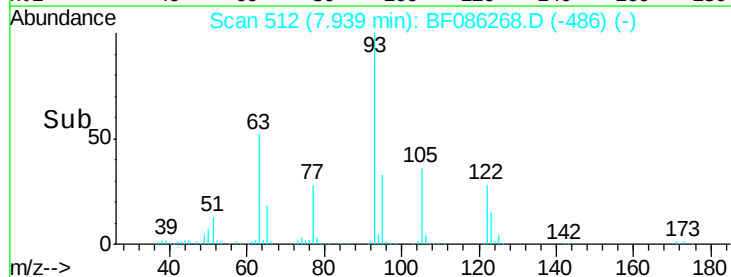
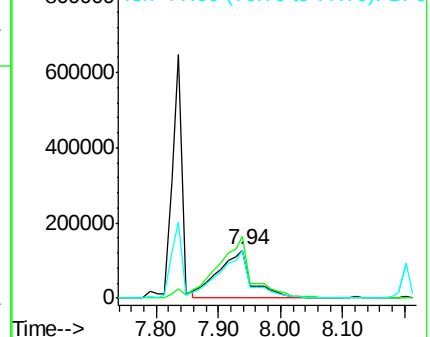
77 100.0 74.9 114.9

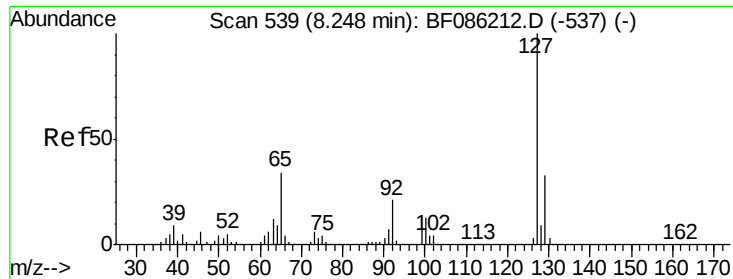


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

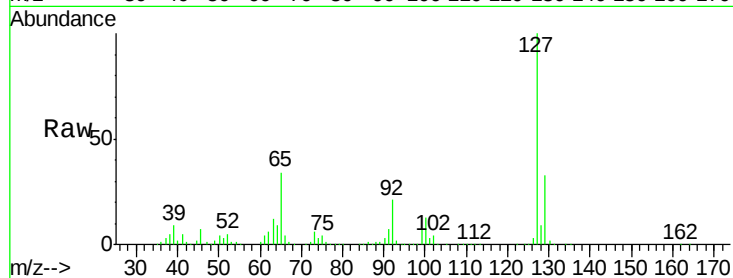




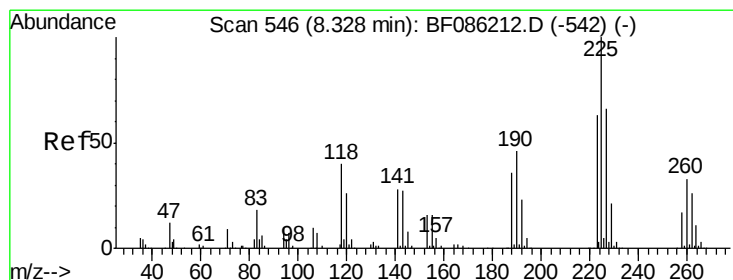
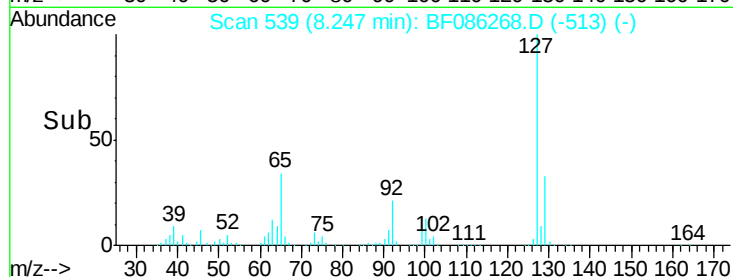
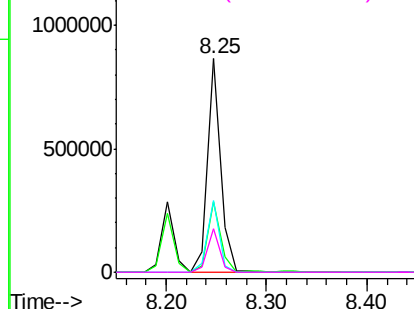
#33
4-Chloroaniline
Concen: 37.61 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	782953
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	33.7	27.1	40.7
92	20.7	16.2	24.2

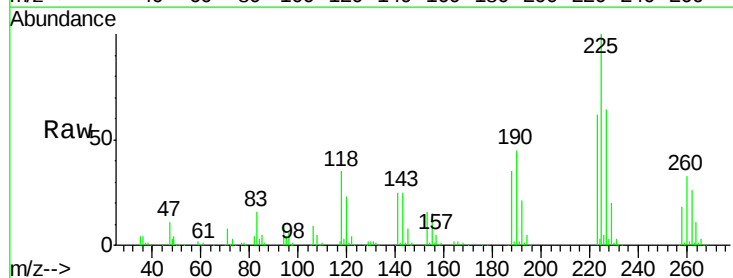


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

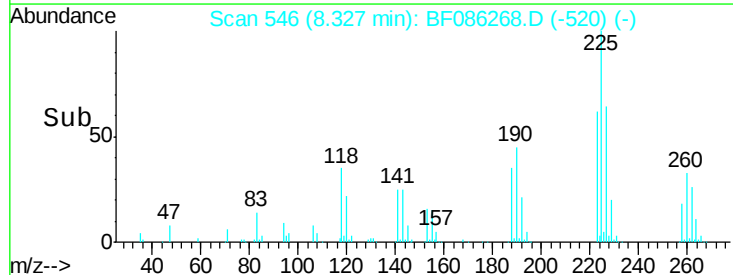
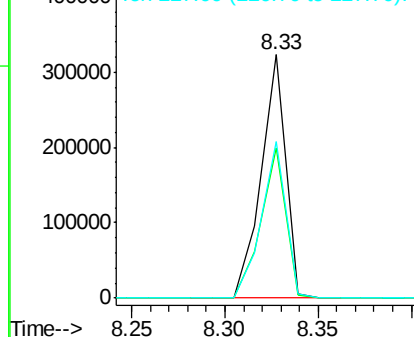


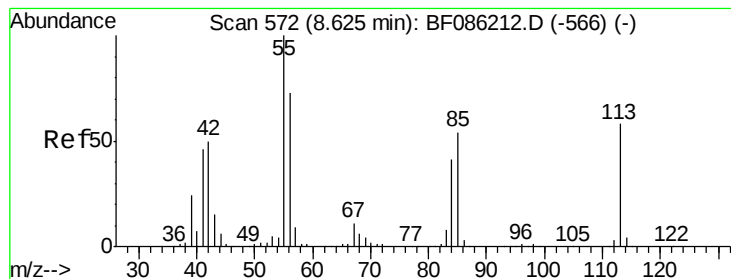
#34
Hexachlorobutadiene
Concen: 42.03 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Tgt Ion:	225	Resp:	291642
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.0
227	64.1	51.1	76.7



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: 40.80 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

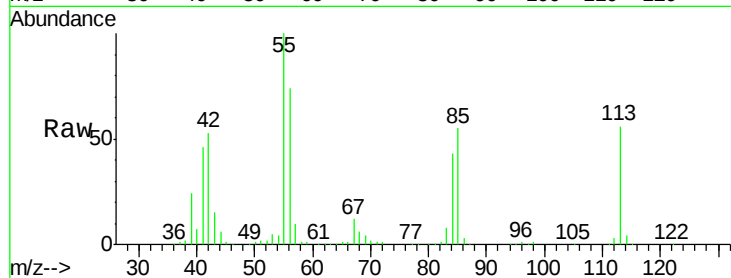
Tgt Ion:113 Resp: 195481

Ion Ratio Lower Upper

113 100

55 177.8 117.5 157.5#

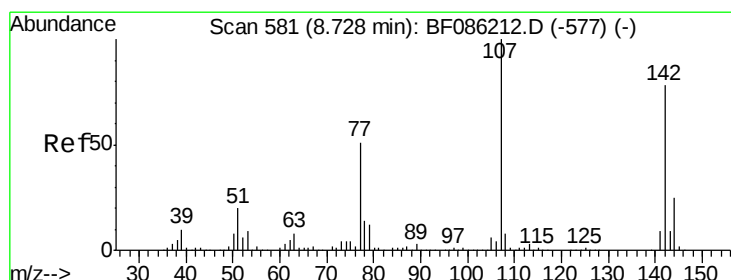
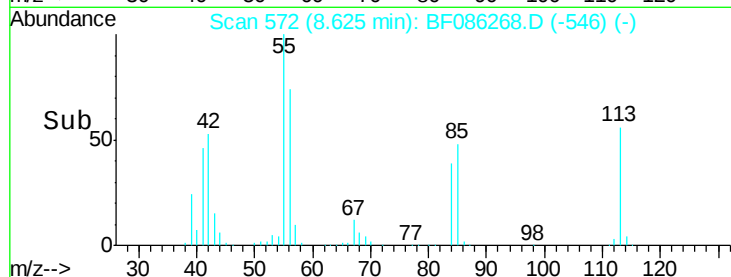
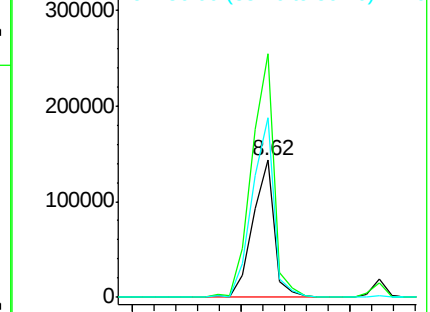
56 131.1 82.5 122.5#



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: 39.38 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

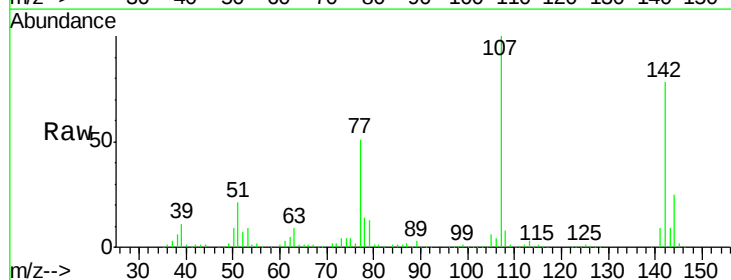
Tgt Ion:107 Resp: 603868

Ion Ratio Lower Upper

107 100

144 25.1 20.7 31.1

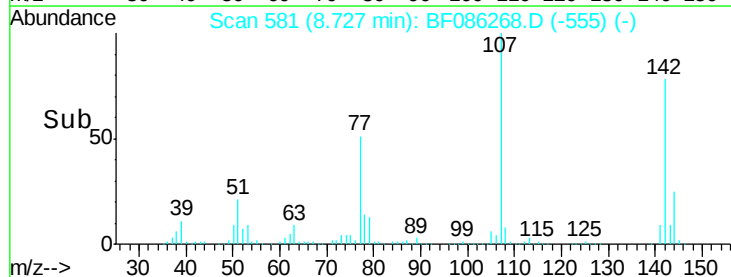
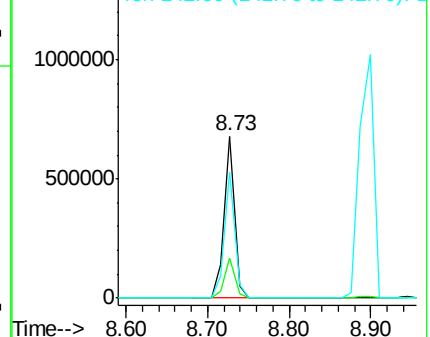
142 77.7 64.5 96.7

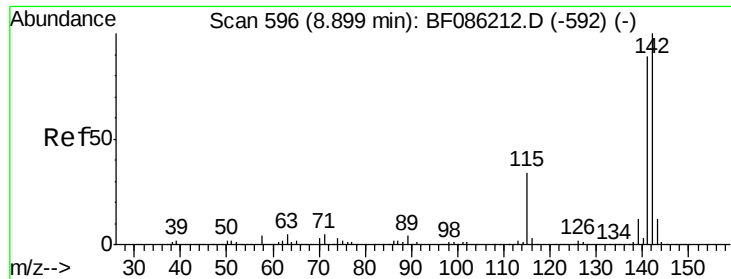


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

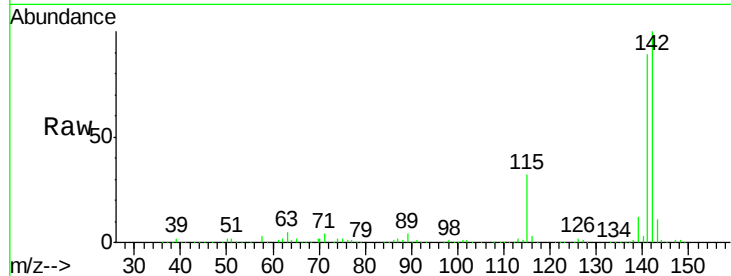




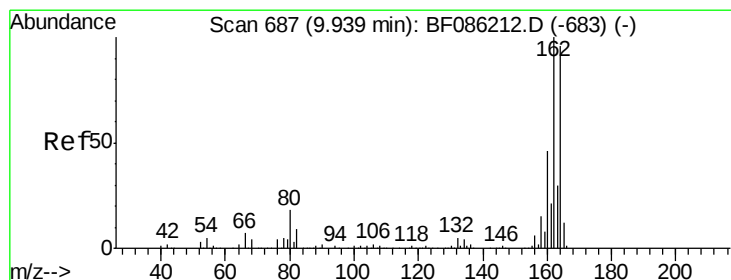
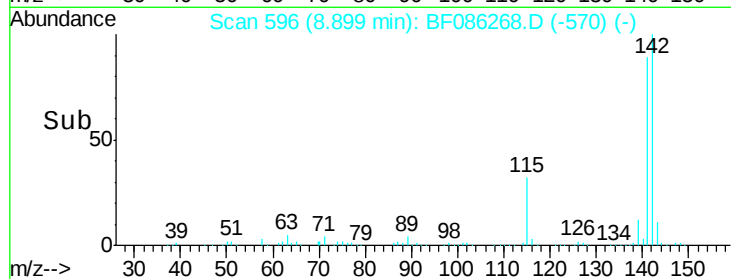
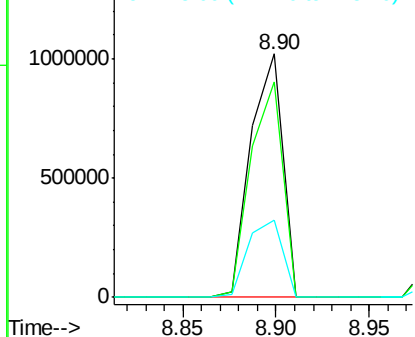
#37
2-Methylnaphthalene
Concen: 40.28 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1212842
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7
115 31.8 25.1 37.7

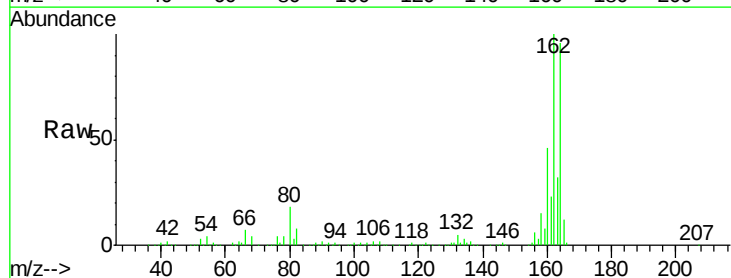


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

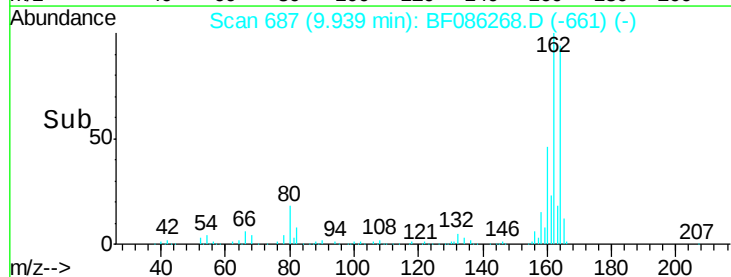
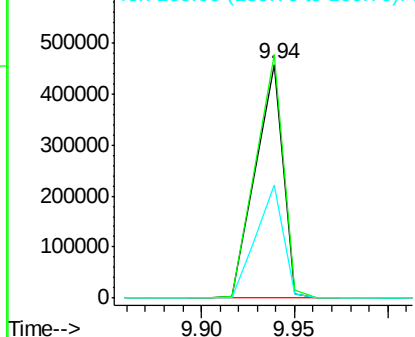


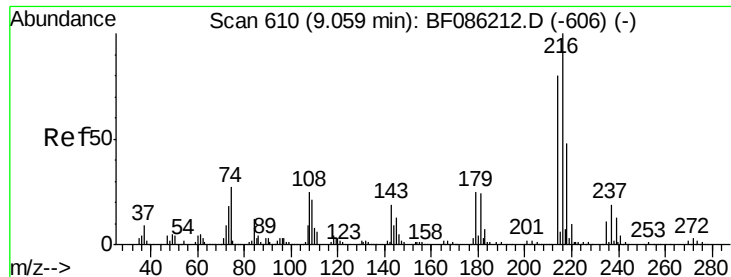
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Tgt Ion:164 Resp: 474004
Ion Ratio Lower Upper
164 100
162 104.3 82.8 124.2
160 48.4 38.9 58.3



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: 45.33 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 453176

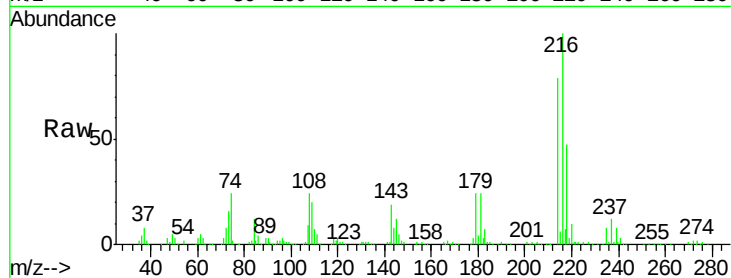
Ion Ratio Lower Upper

216 100

214 78.9 64.9 97.3

179 23.7 19.8 29.6

108 25.7 21.0 31.4

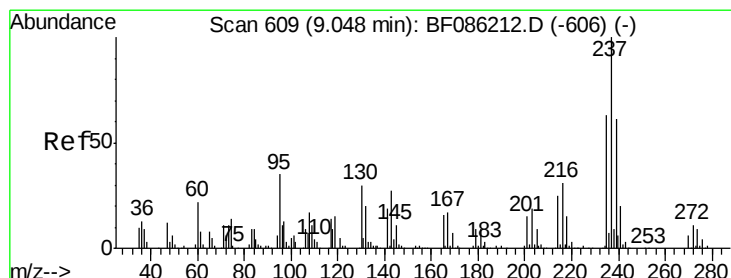
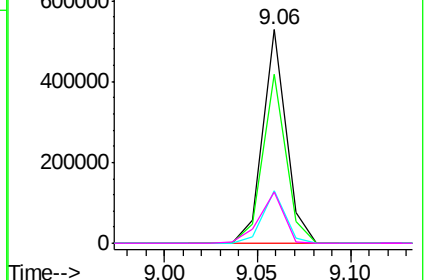
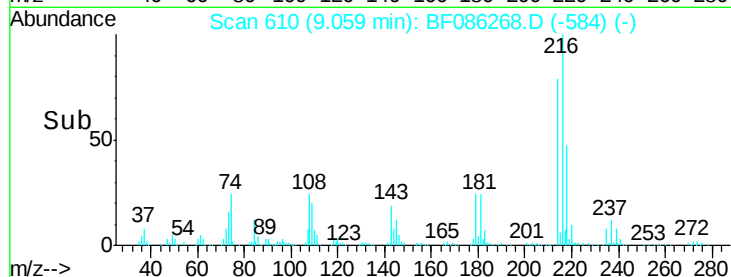


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.50 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

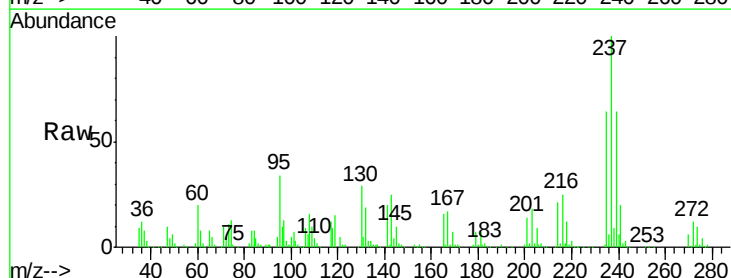
Tgt Ion:237 Resp: 209550

Ion Ratio Lower Upper

237 100

235 63.6 44.0 84.0

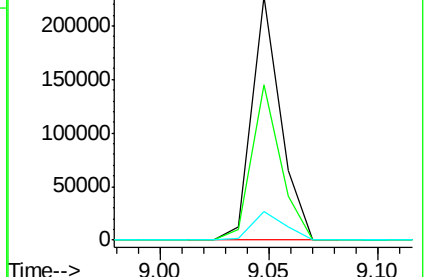
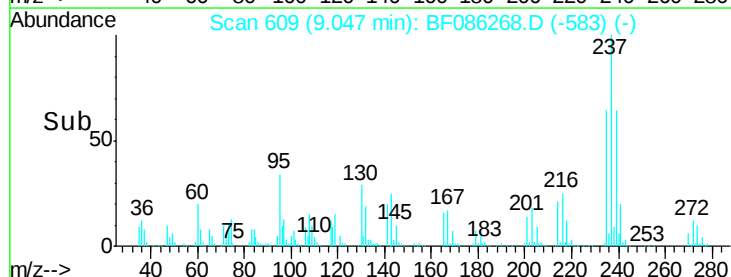
272 11.8 0.0 32.4

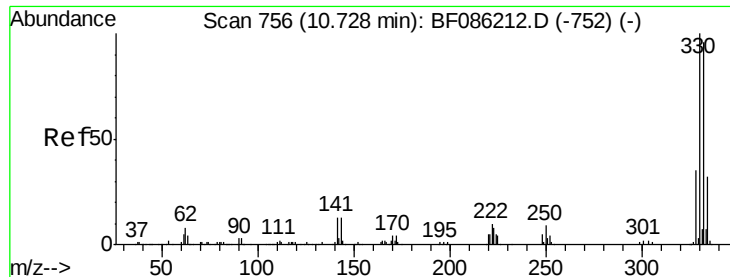


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

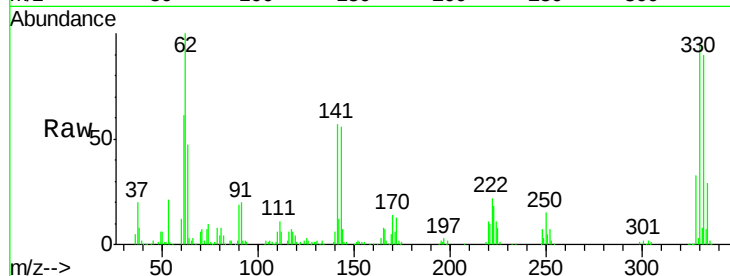




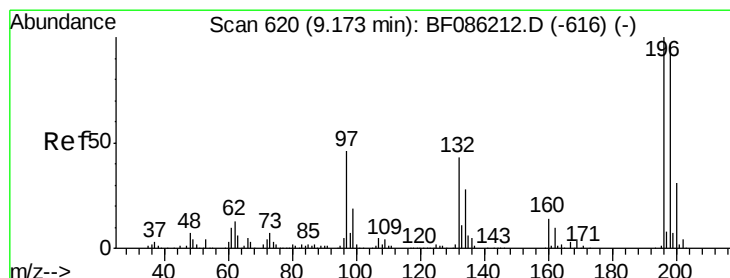
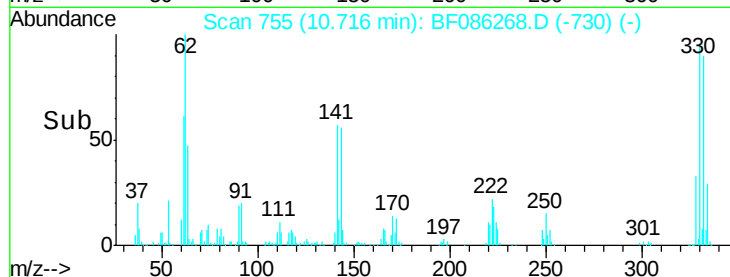
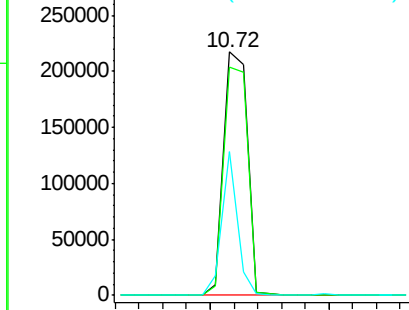
#41
 2,4,6-Tribromophenol
 Concen: 79.18 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.7	118.1
141	38.1	28.6	42.8

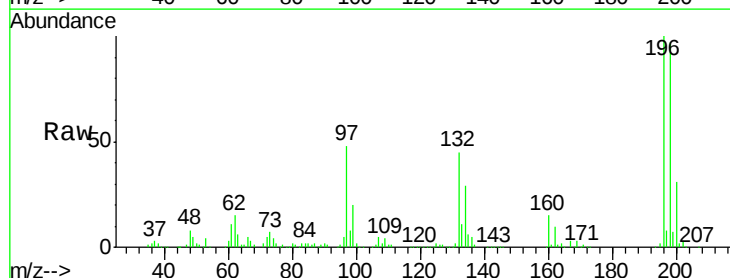


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

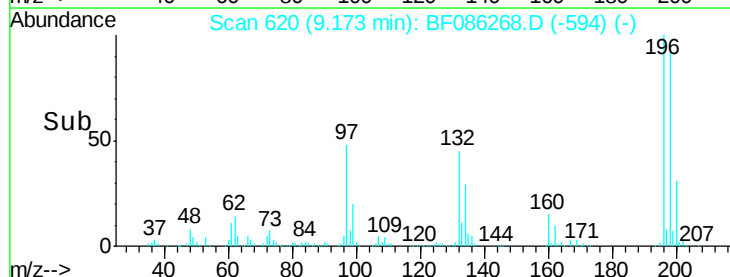
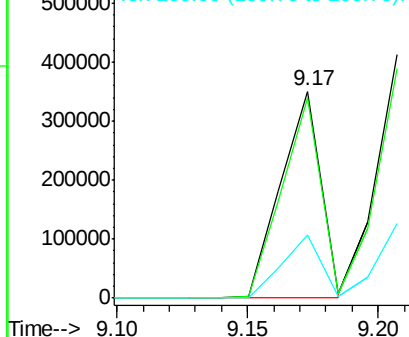


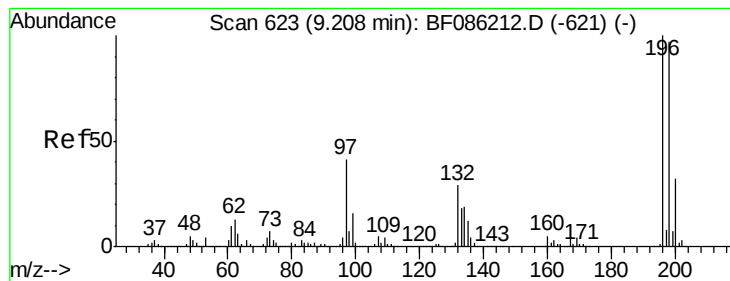
#42
 2,4,6-Trichlorophenol
 Concen: 39.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.6	115.0
200	30.8	25.3	37.9



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: 42.81 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 386184

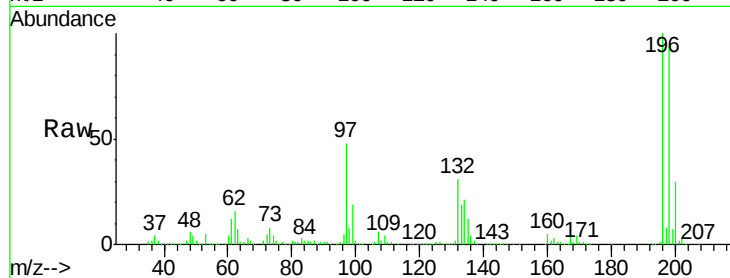
Ion Ratio Lower Upper

196 100

198 94.4 77.7 116.5

97 47.9 32.6 48.8

132 30.6 21.4 32.0

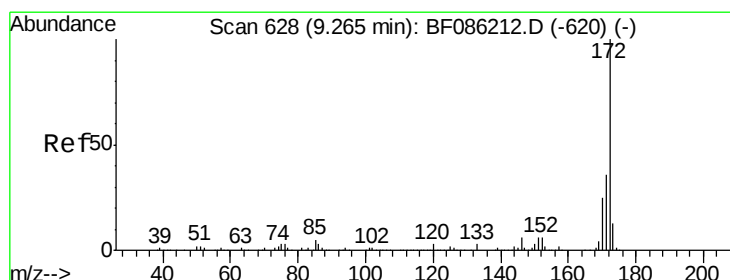
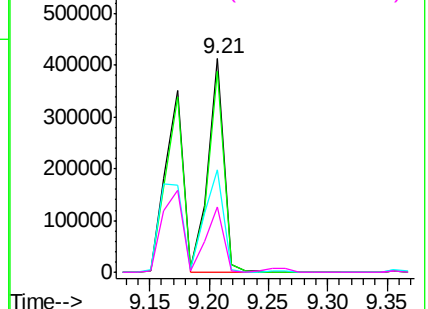
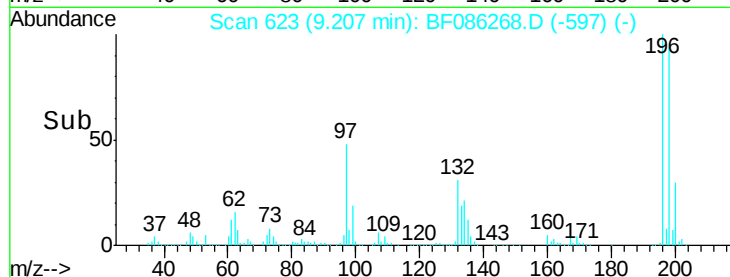


Abundance Ion 196.00 (195.70 to 196.70): E

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: 81.33 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

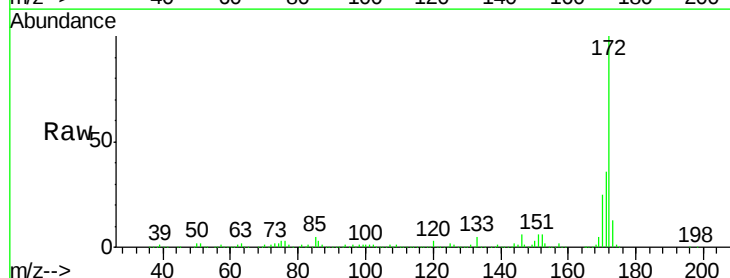
Tgt Ion:172 Resp: 2089131

Ion Ratio Lower Upper

172 100

171 36.2 29.1 43.7

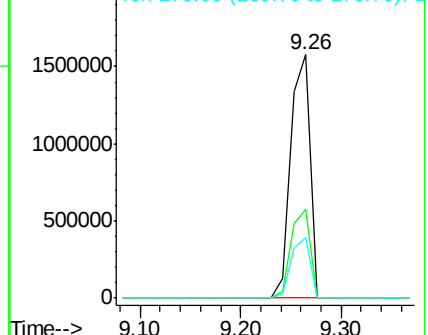
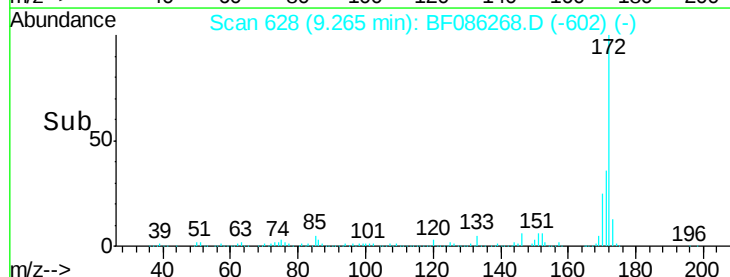
170 25.0 19.9 29.9

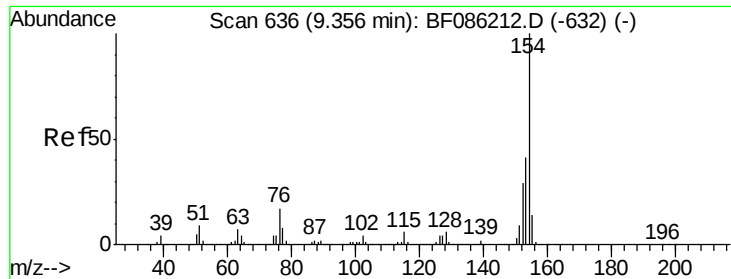


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.51 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

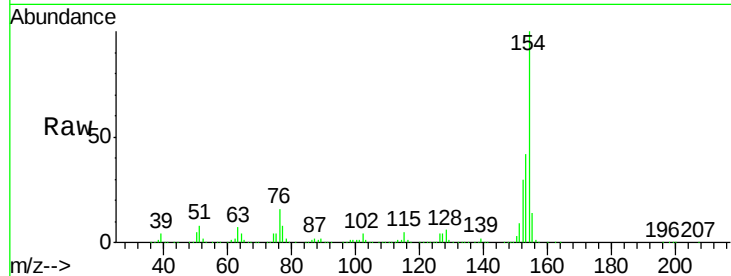
Tgt Ion:154 Resp: 1279806

Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

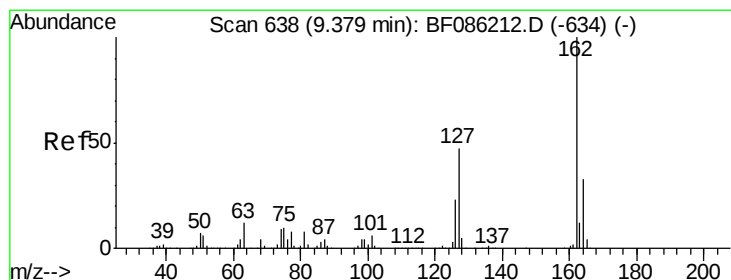
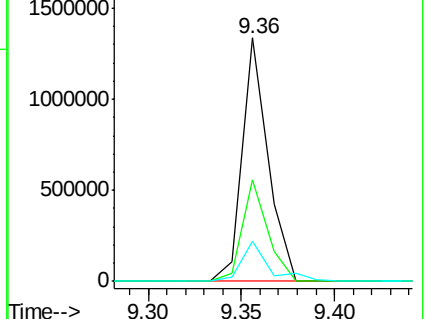
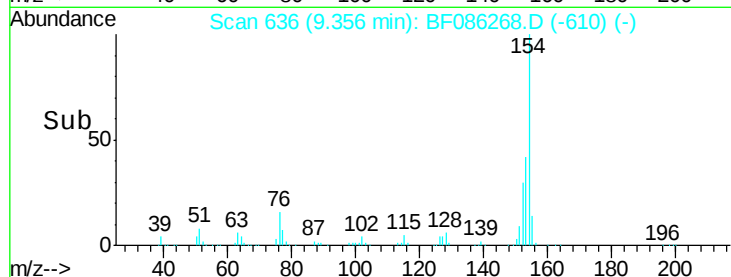
76 16.4 0.0 36.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.58 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

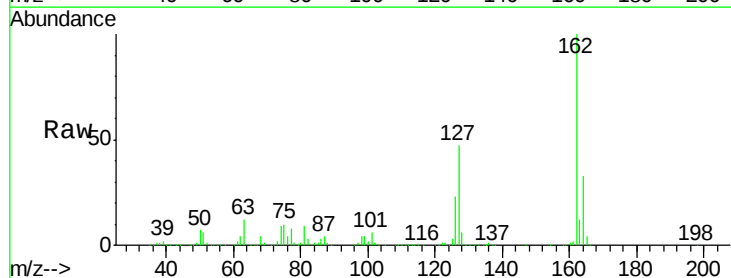
Tgt Ion:162 Resp: 1074723

Ion Ratio Lower Upper

162 100

127 47.0 36.7 55.1

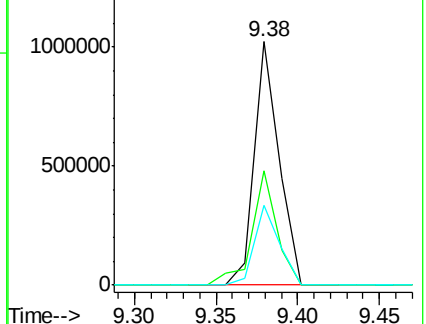
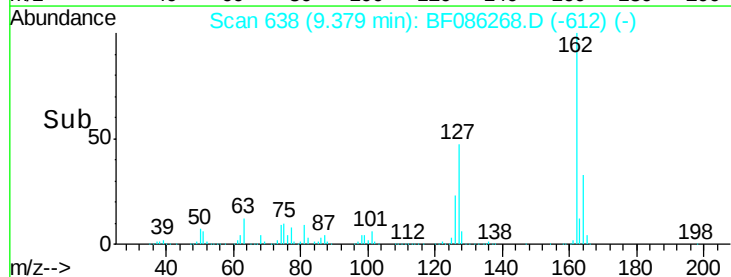
164 32.7 26.4 39.6

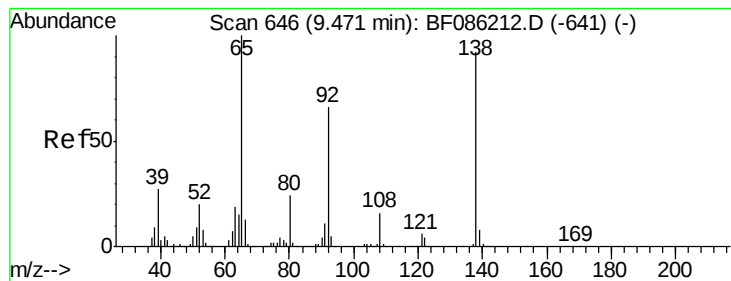


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.58 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

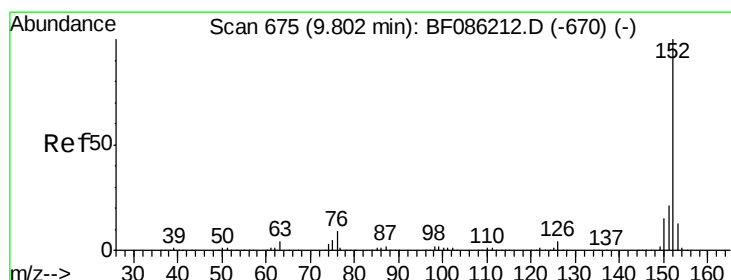
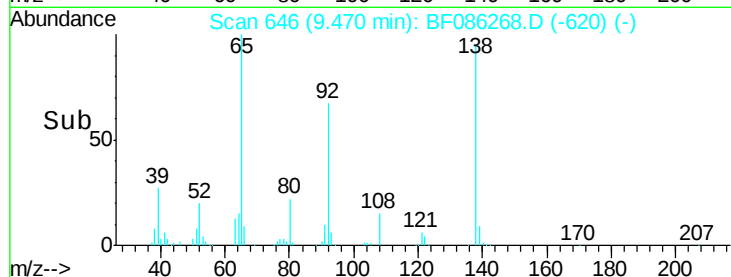
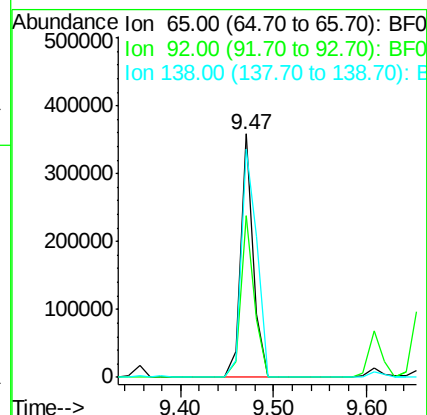
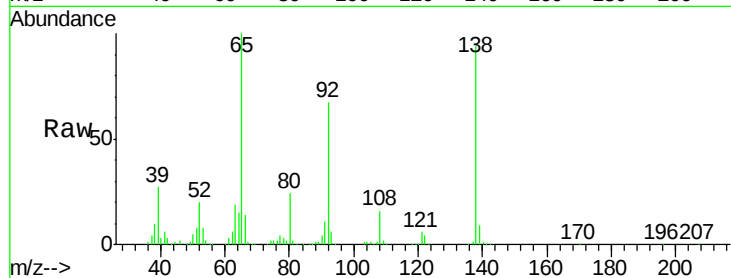
Tgt Ion: 65 Resp: 339162

Ion Ratio Lower Upper

65 100

92 66.6 51.9 77.9

138 94.0 72.6 108.8



#48

Acenaphthylene

Concen: 42.40 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

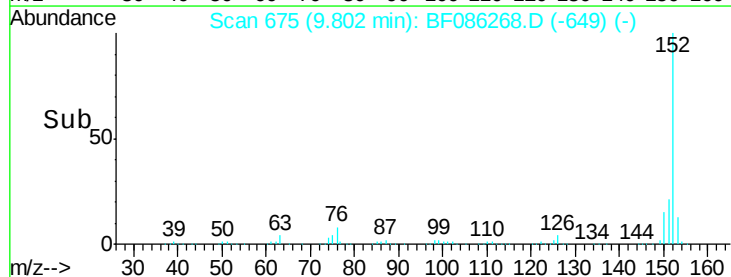
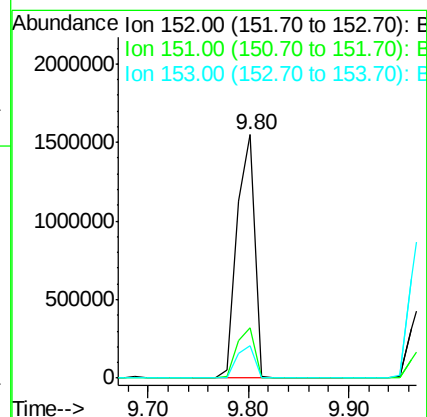
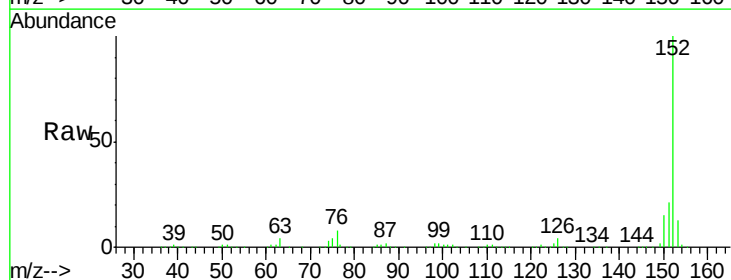
Tgt Ion: 152 Resp: 1879591

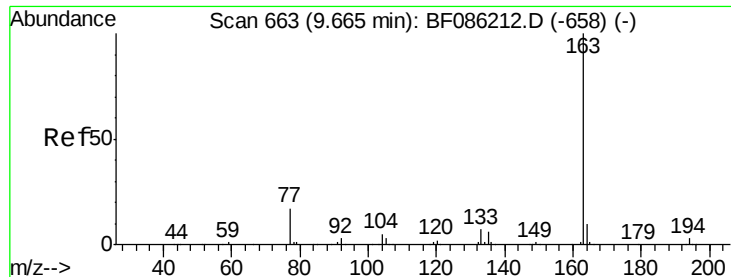
Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 40.26 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

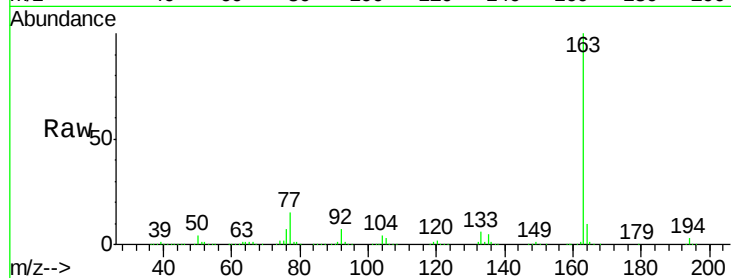
Tgt Ion:163 Resp: 1387579

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

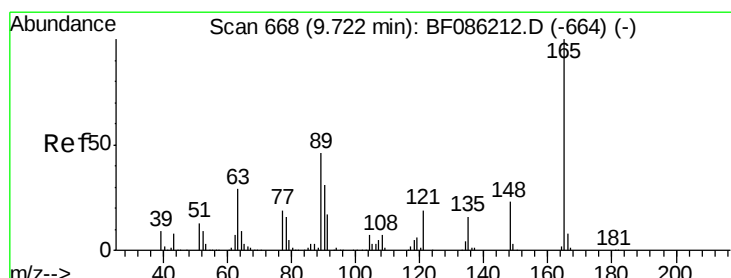
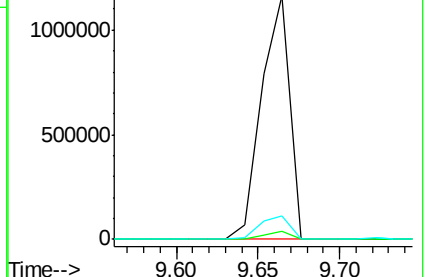
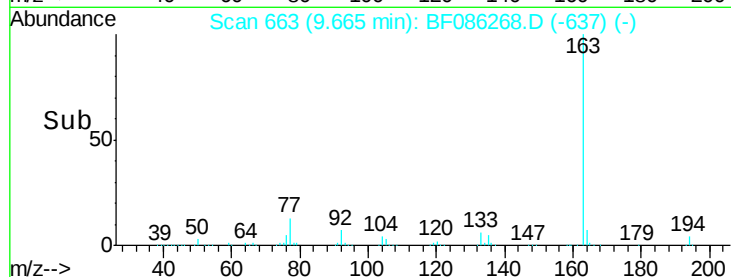
164 9.9 8.4 12.6



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: 42.34 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

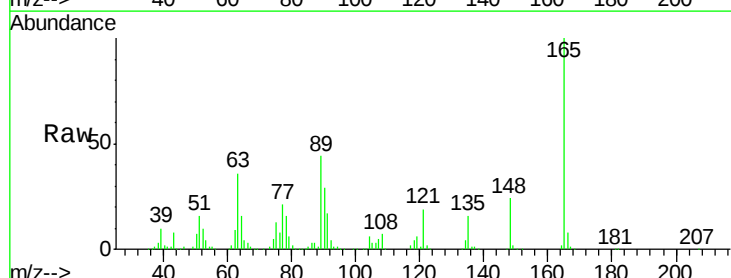
Tgt Ion:165 Resp: 322918

Ion Ratio Lower Upper

165 100

63 35.6 35.1 52.7

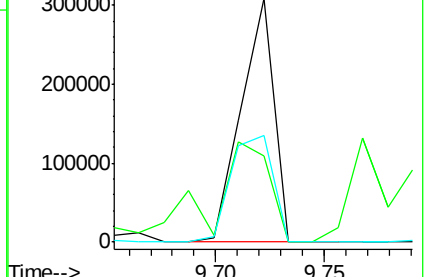
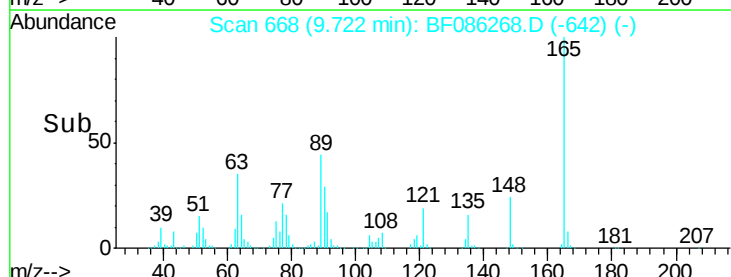
89 43.7 39.8 59.6

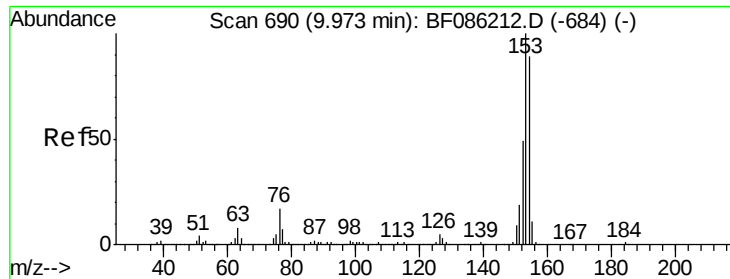


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.80 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

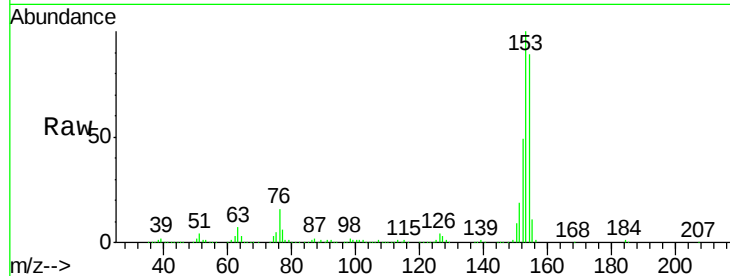
Tgt Ion:154 Resp: 1133253

Ion Ratio Lower Upper

154 100

153 112.7 90.0 135.0

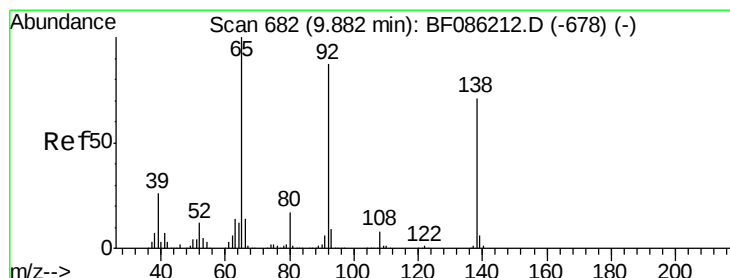
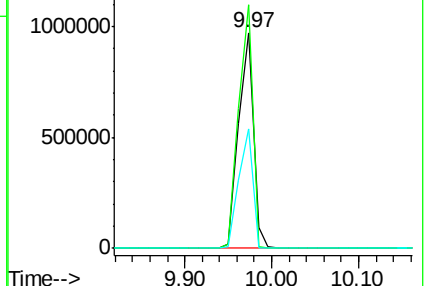
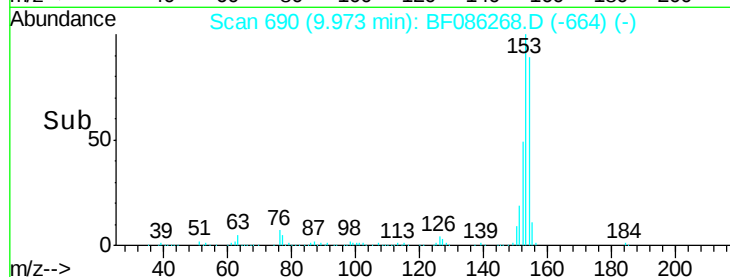
152 55.3 44.3 66.5



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: 35.31 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

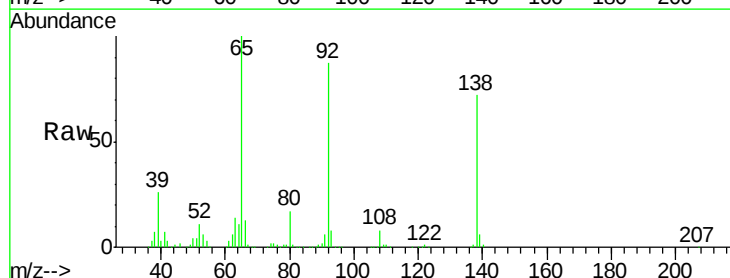
Tgt Ion:138 Resp: 327200

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.4

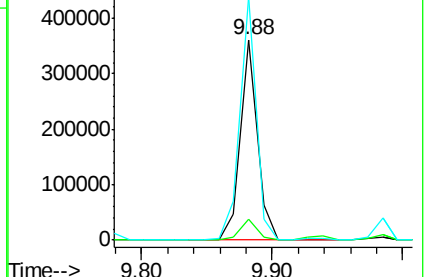
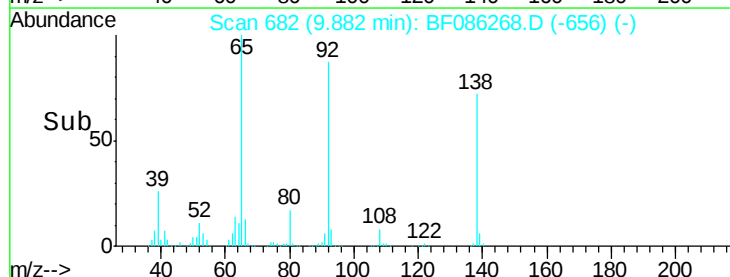
92 121.4 99.3 148.9

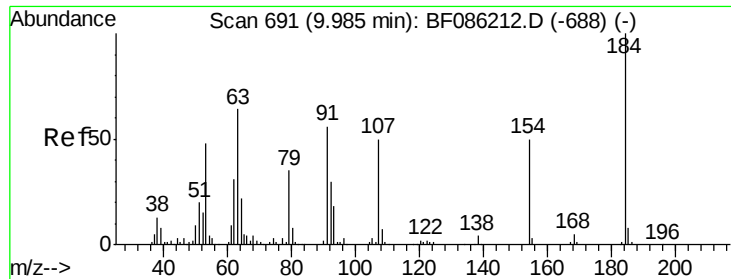


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

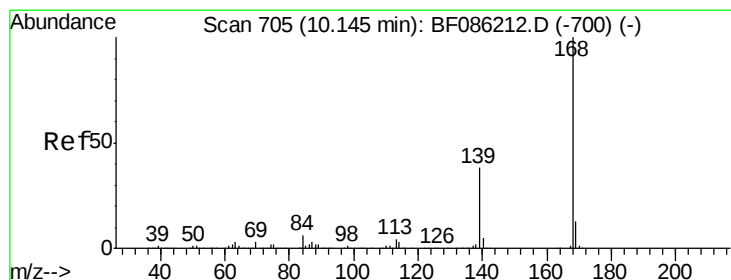
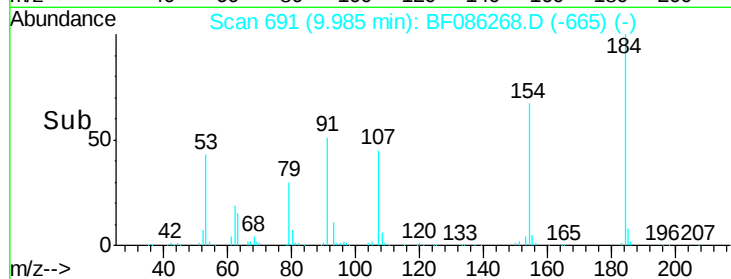
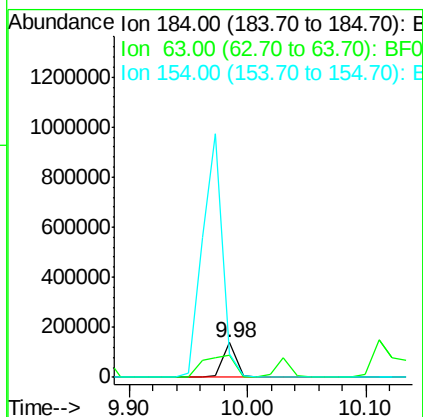
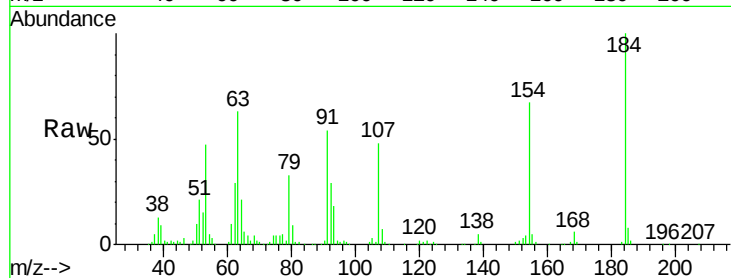




#53
 2,4-Dinitrophenol
 Concen: 40.42 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

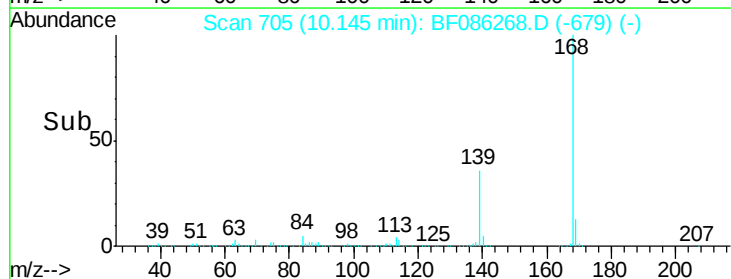
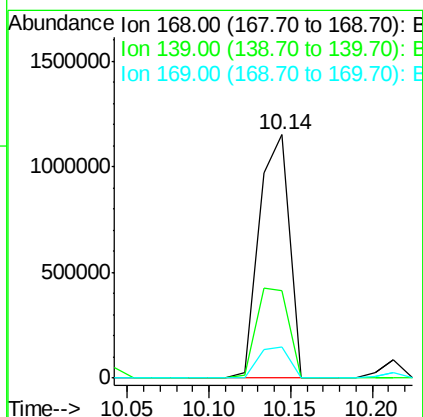
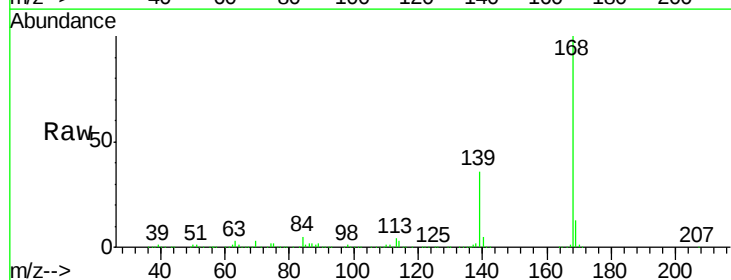
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

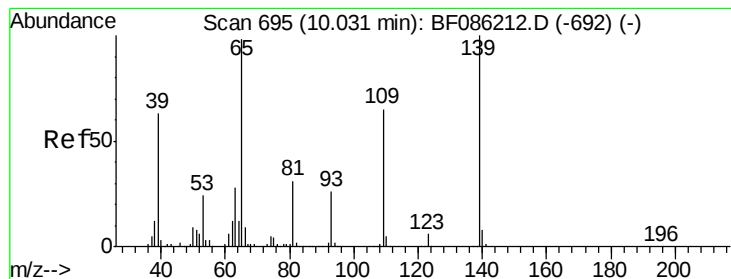
Tgt Ion:184 Resp: 107760
 Ion Ratio Lower Upper
 184 100
 63 62.7 64.7 97.1#
 154 67.3 59.4 89.2



#54
 Dibenzofuran
 Concen: 42.28 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion:168 Resp: 1478754
 Ion Ratio Lower Upper
 168 100
 139 35.8 29.5 44.3
 169 13.0 10.6 16.0





#55

4-Nitrophenol

Concen: 34.49 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

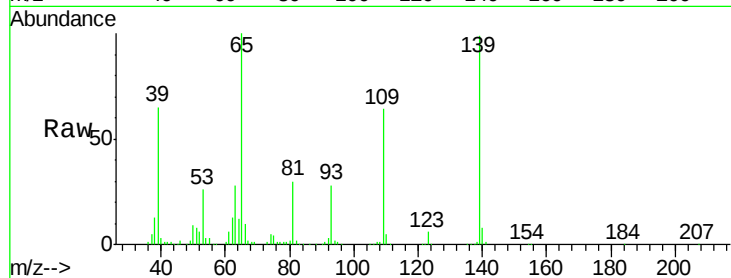
Tgt Ion:139 Resp: 250013

Ion Ratio Lower Upper

139 100

109 65.0 55.0 95.0

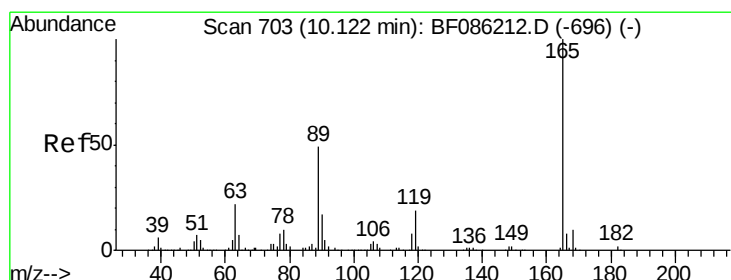
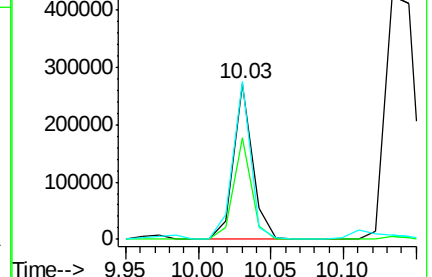
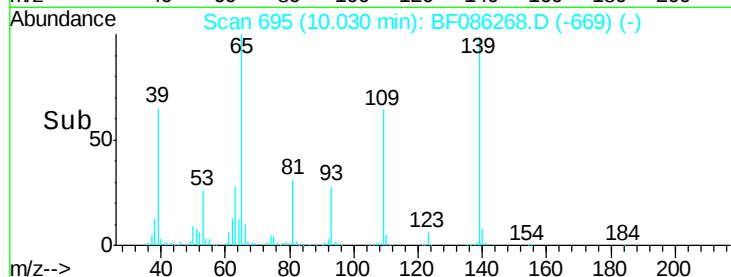
65 101.2 87.3 127.3



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



#56

2,4-Dinitrotoluene

Concen: 41.82 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Tgt Ion:165 Resp: 408261

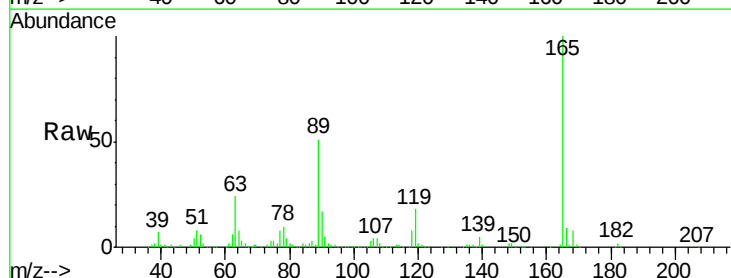
Ion Ratio Lower Upper

165 100

63 24.0 26.6 40.0#

89 50.6 49.5 74.3

182 2.2 1.9 2.9

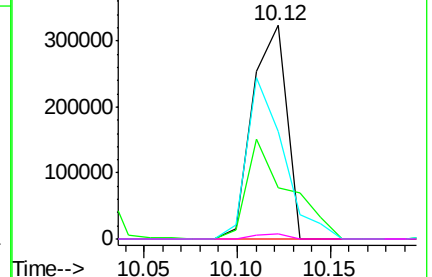
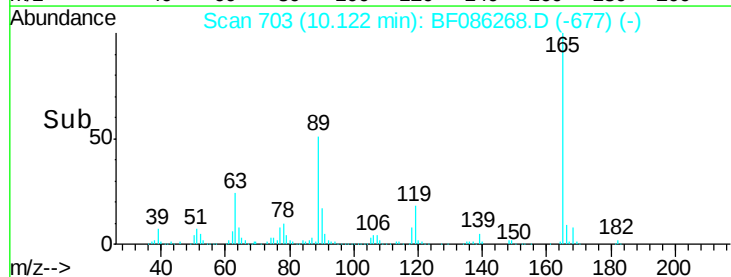


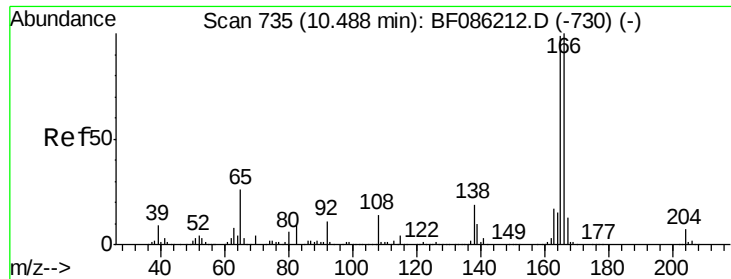
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

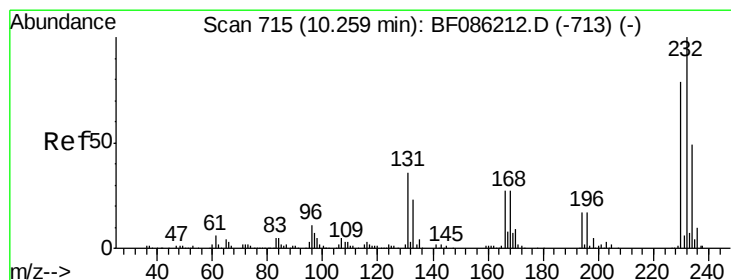
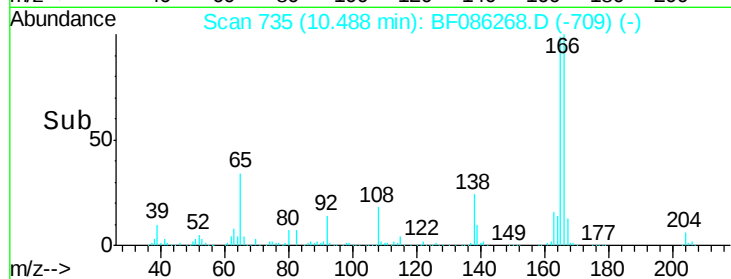
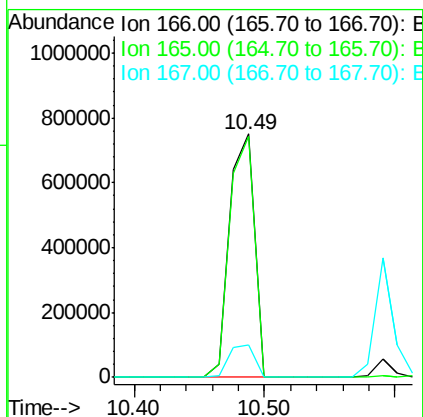
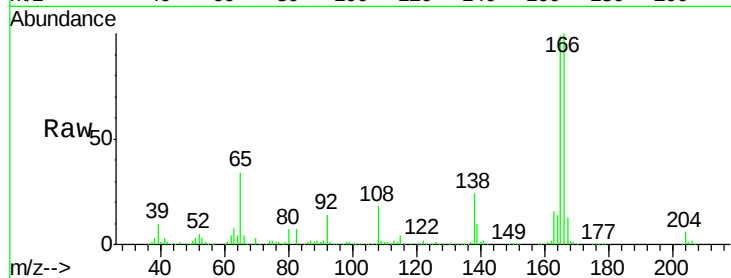




#57
 Fluorene
 Concen: 40.99 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

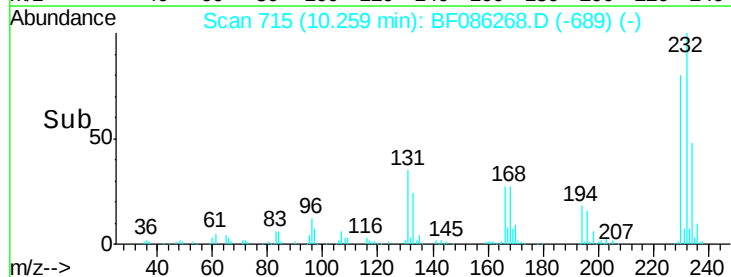
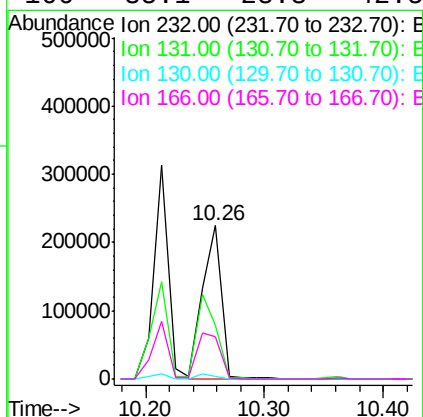
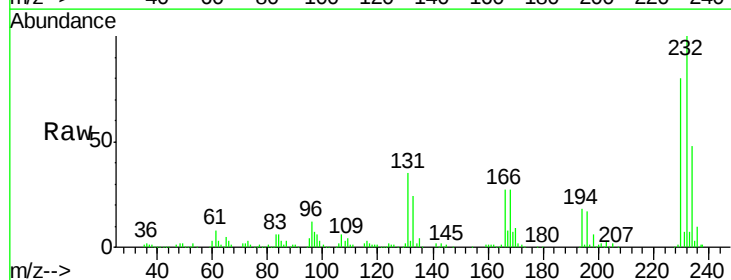
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

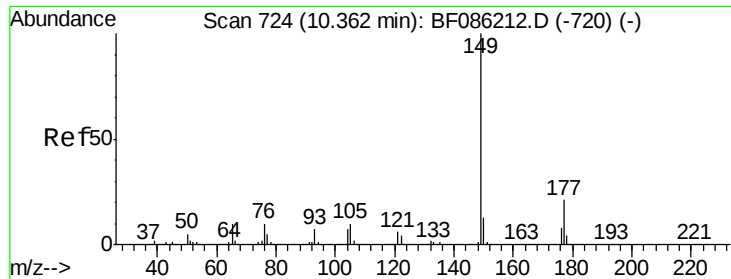
Tgt Ion:166 Resp: 987268
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.6 117.8
 167 13.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.61 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion:232 Resp: 252955
 Ion Ratio Lower Upper
 232 100
 131 56.4 46.6 70.0
 130 3.0 2.5 3.7
 166 35.1 28.3 42.5

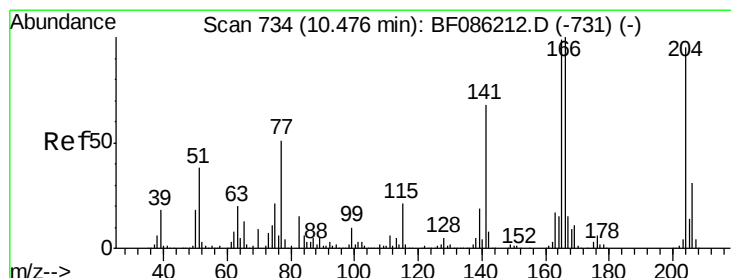
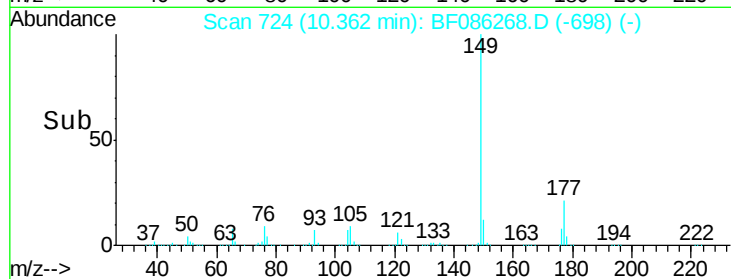
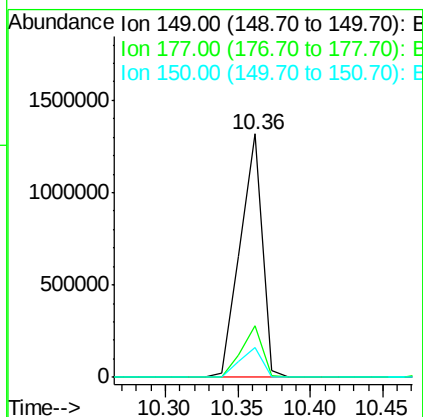
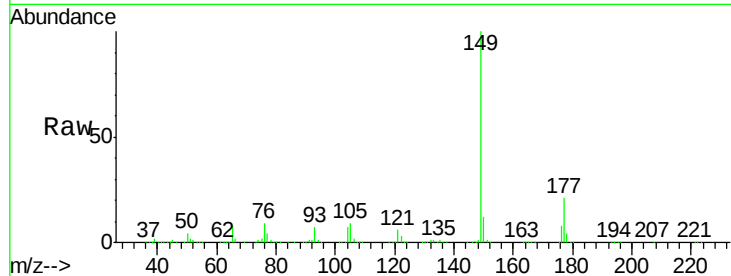




#59
Diethylphthalate
Concen: 39.33 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

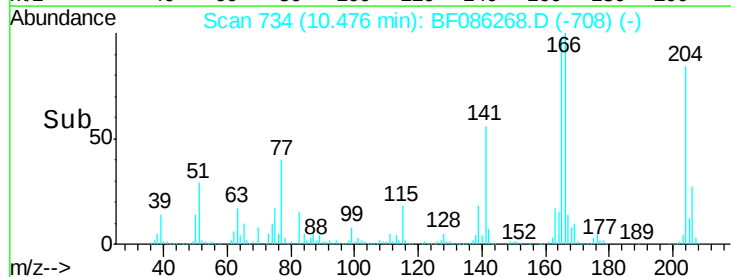
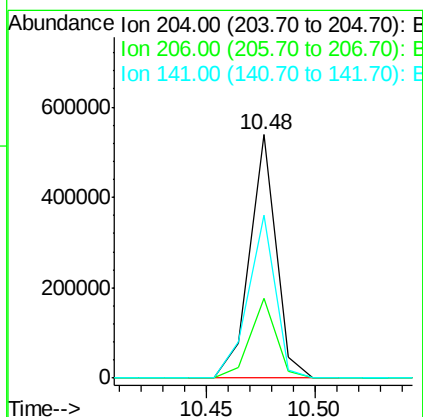
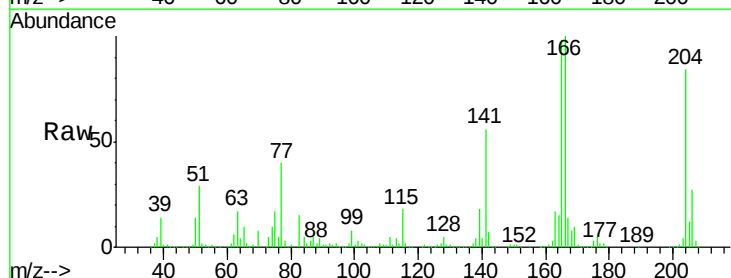
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

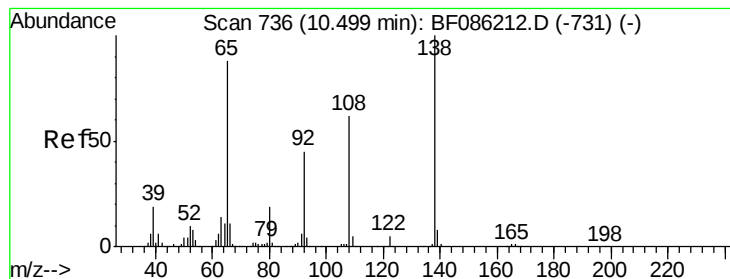
Tgt Ion:149 Resp: 1399104
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.5 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 45.68 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Tgt Ion:204 Resp: 453391
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 66.7 55.4 83.0





#61

4-Nitroaniline

Concen: 41.44 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

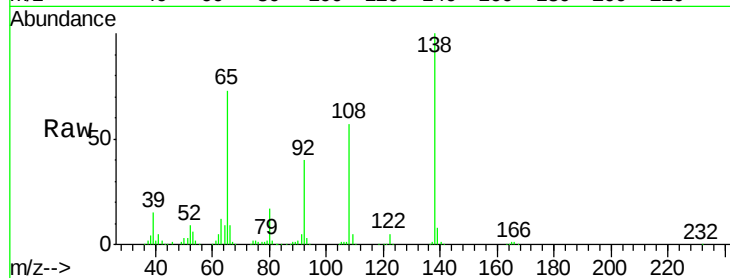
Tgt Ion:138 Resp: 331931

Ion Ratio Lower Upper

138 100

92 40.1 31.9 71.9

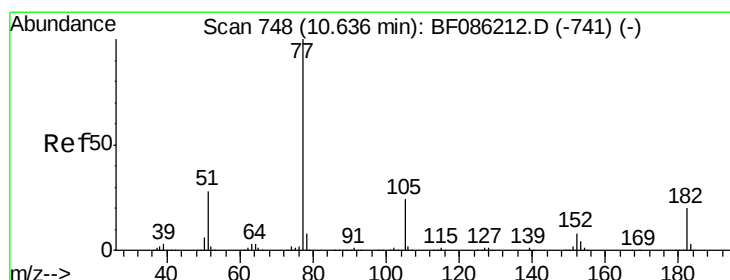
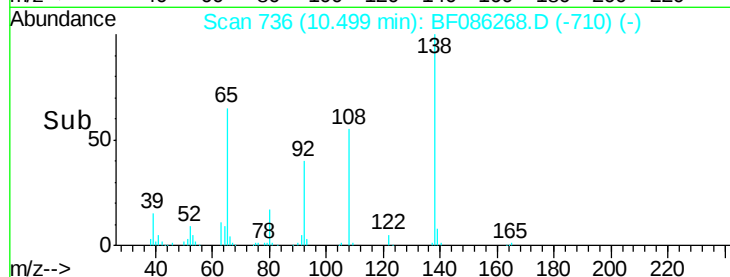
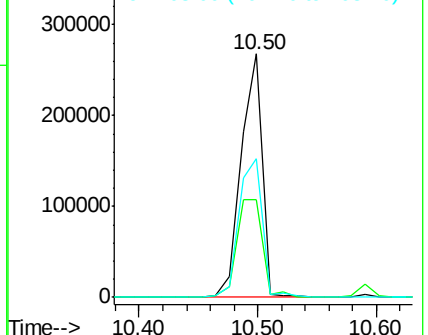
108 57.1 58.7 98.7#



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: 41.34 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Tgt Ion: 77 Resp: 1438898

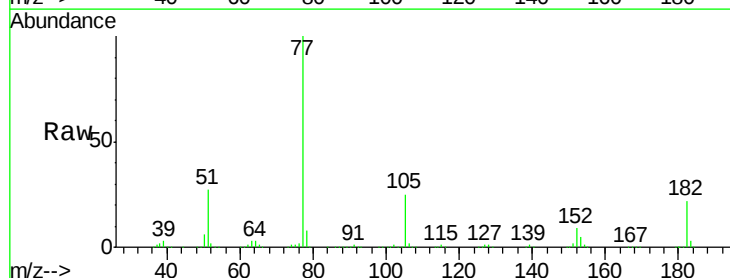
Ion Ratio Lower Upper

77 100

182 21.9 2.3 42.3

105 24.8 3.4 43.4

51 27.2 11.7 51.7

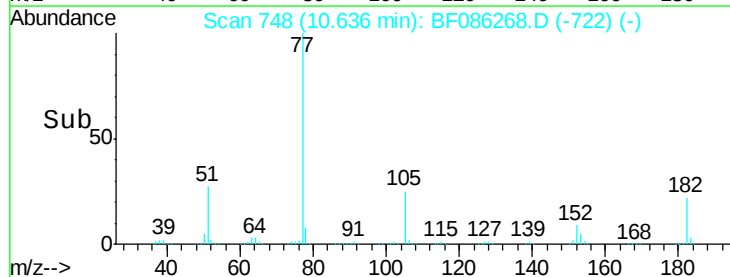
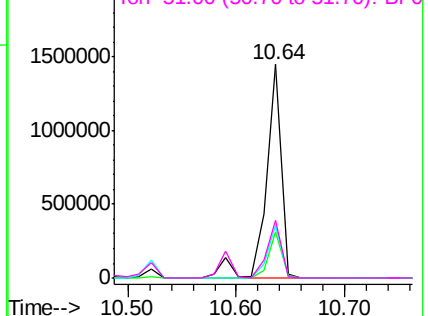


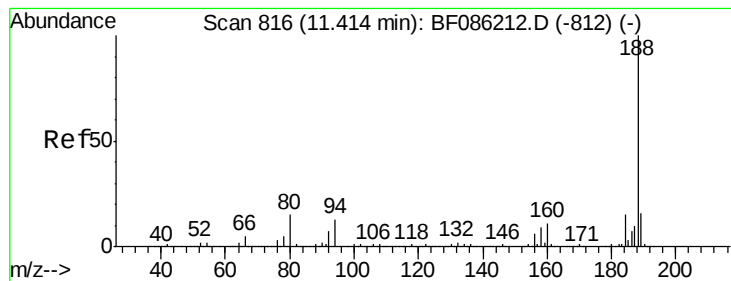
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

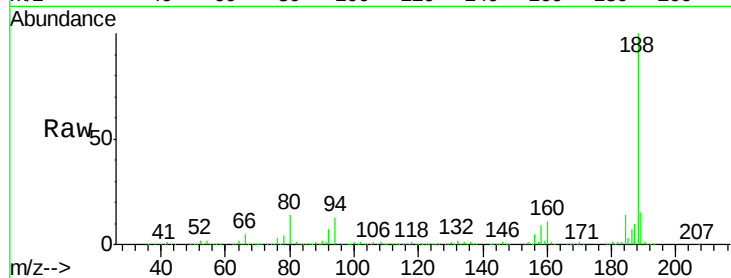
Tgt Ion:188 Resp: 781711

Ion Ratio Lower Upper

188 100

94 12.9 9.8 14.8

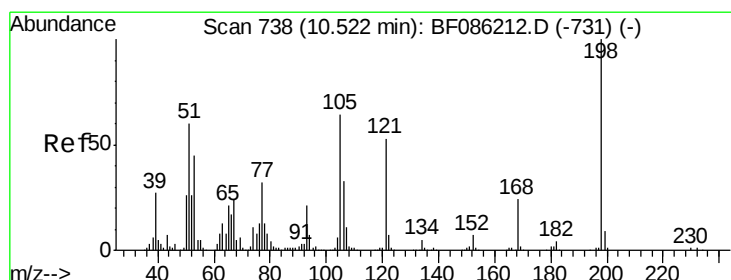
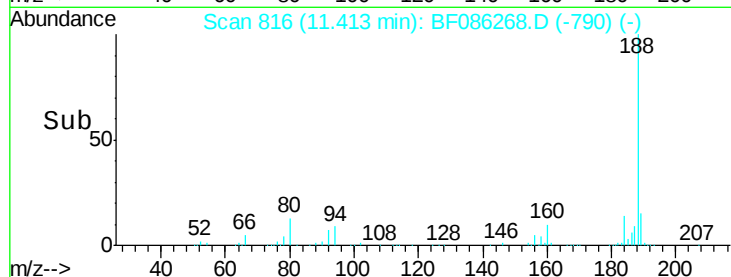
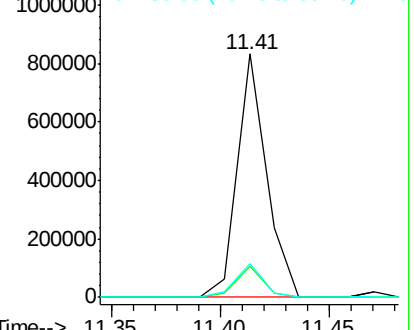
80 13.8 10.5 15.7



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: 46.22 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

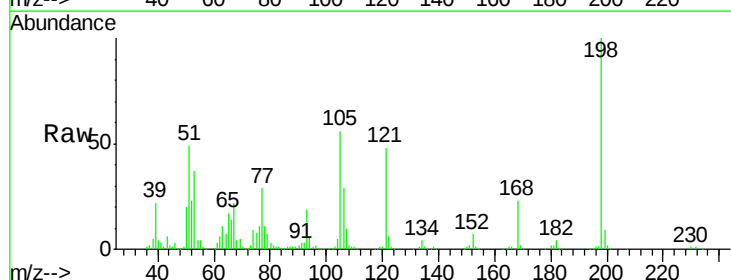
Tgt Ion:198 Resp: 171968

Ion Ratio Lower Upper

198 100

51 49.2 56.5 96.5#

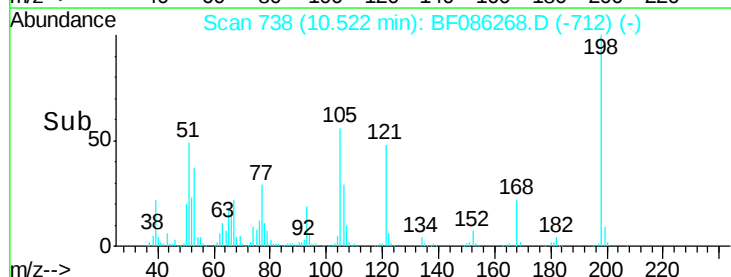
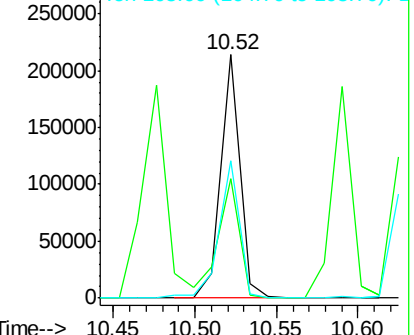
105 56.4 48.0 88.0

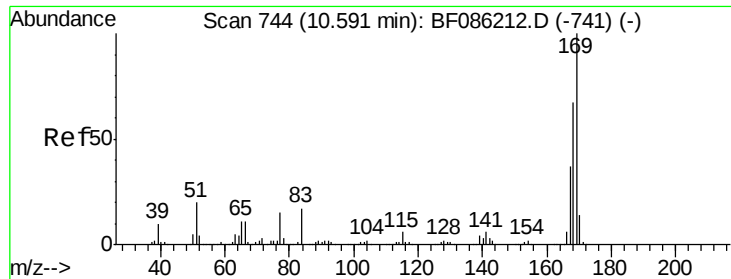


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

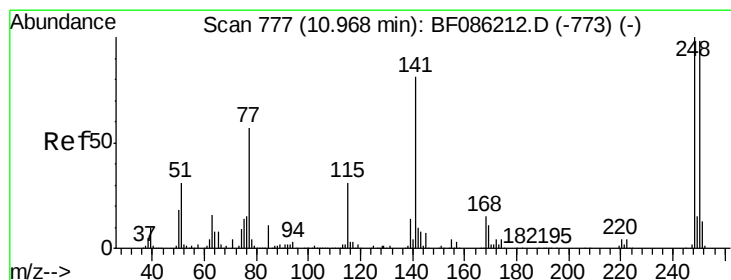
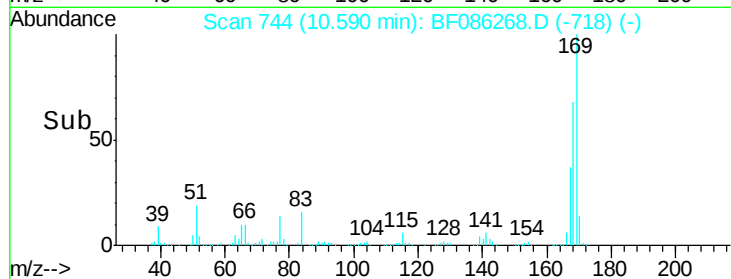
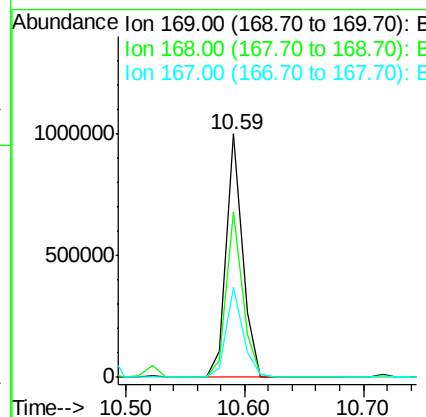
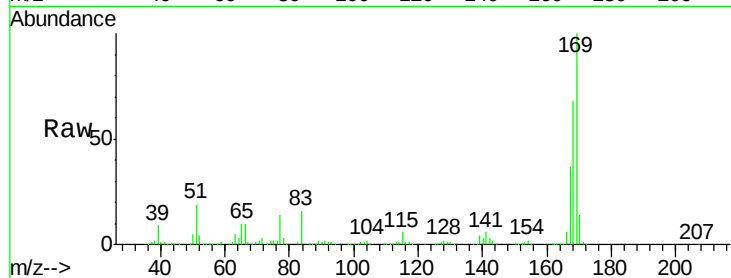




#65
 n-Nitrosodiphenylamine
 Concen: 39.47 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

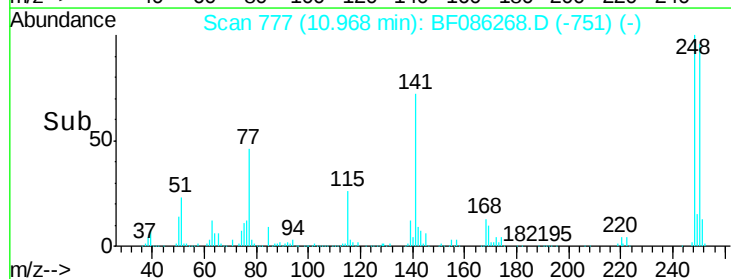
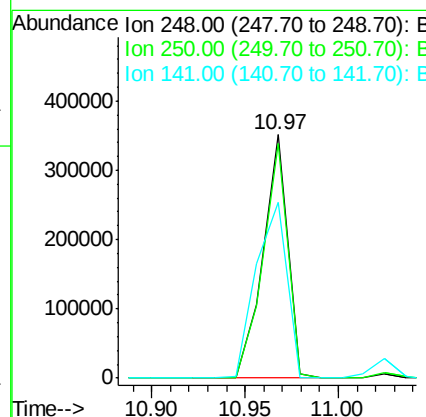
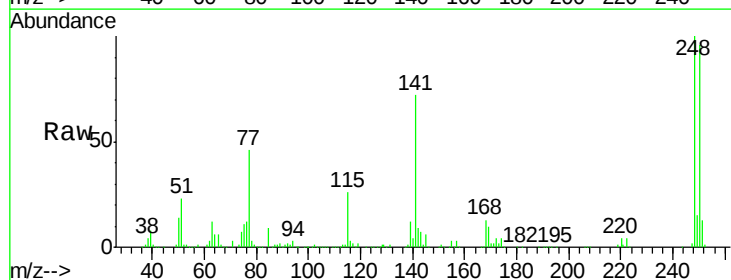
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

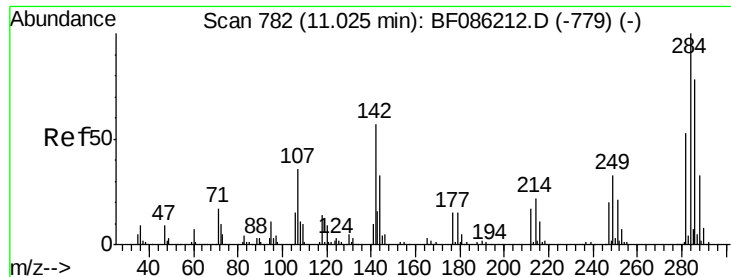
Tgt Ion:169 Resp: 944774
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.3 81.5
 167 37.0 30.2 45.2



#66
 4-Bromophenyl-phenylether
 Concen: 43.81 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion:248 Resp: 319208
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.6 118.0
 141 72.0 57.9 86.9

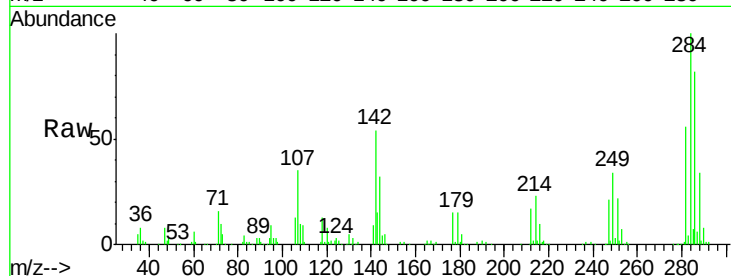




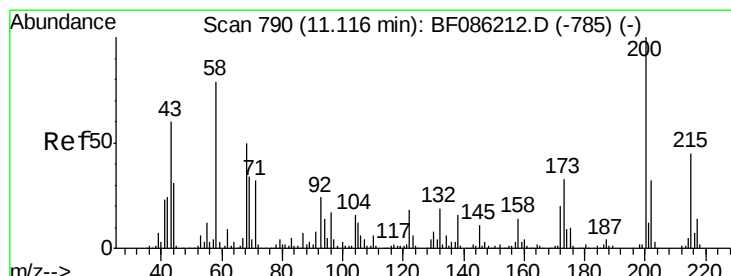
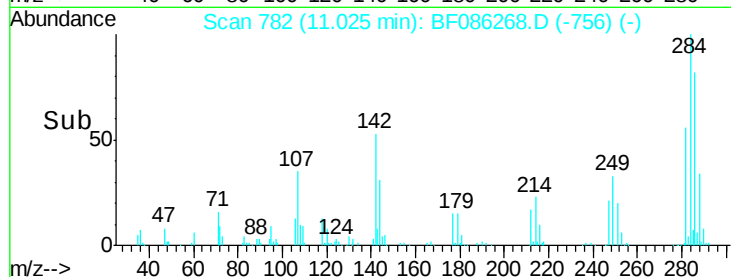
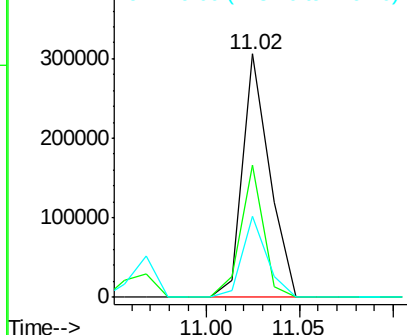
#67
Hexachlorobenzene
Concen: 40.19 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 306832
Ion Ratio Lower Upper
284 100
142 54.2 42.6 64.0
249 33.6 25.9 38.9

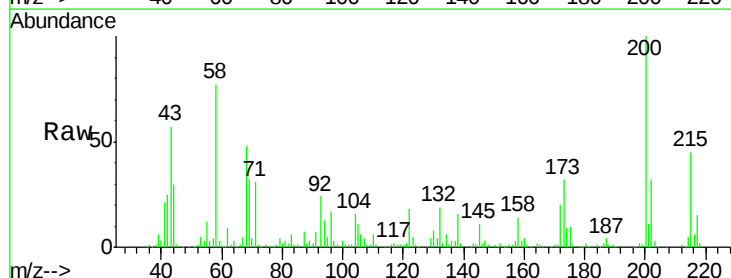


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

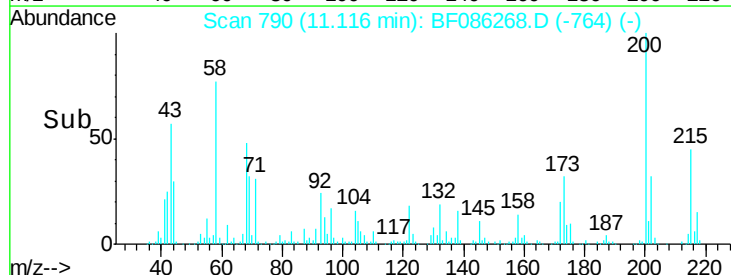
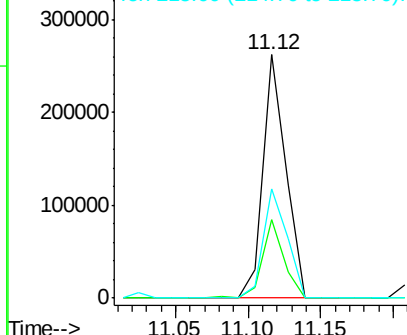


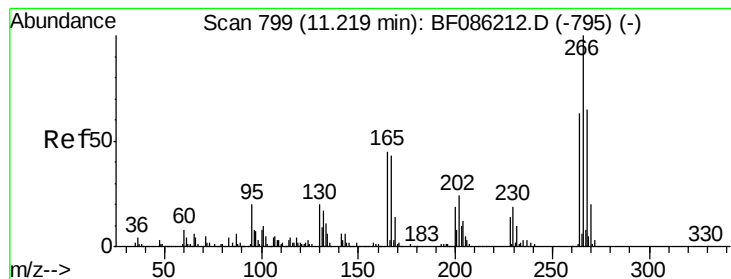
#68
Atrazine
Concen: 38.78 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Tgt Ion:200 Resp: 284488
Ion Ratio Lower Upper
200 100
173 32.2 11.2 51.2
215 45.1 24.0 64.0



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: 44.11 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

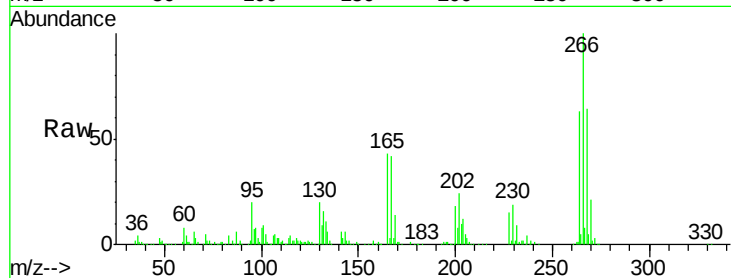
Tgt Ion:266 Resp: 204183

Ion Ratio Lower Upper

266 100

268 63.9 53.0 79.4

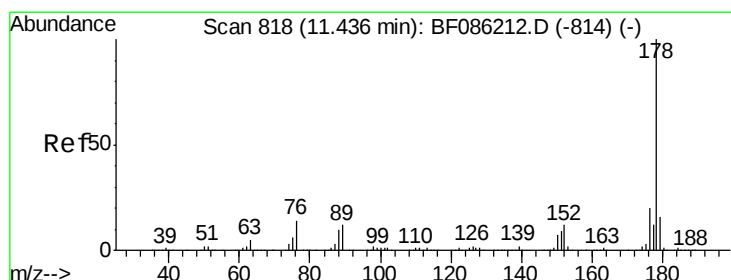
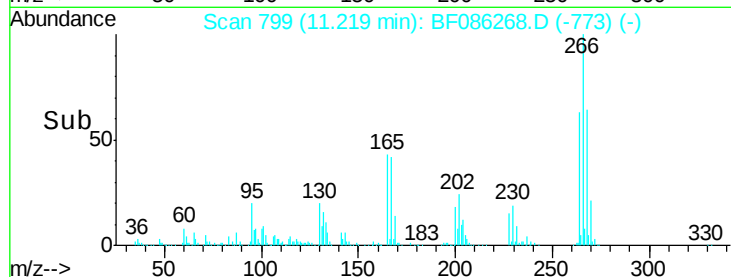
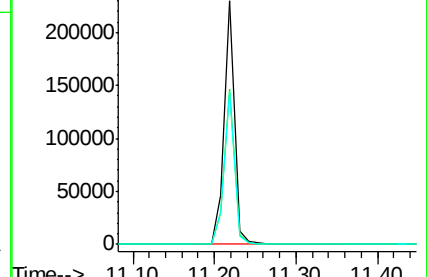
264 62.6 51.3 76.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.24 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

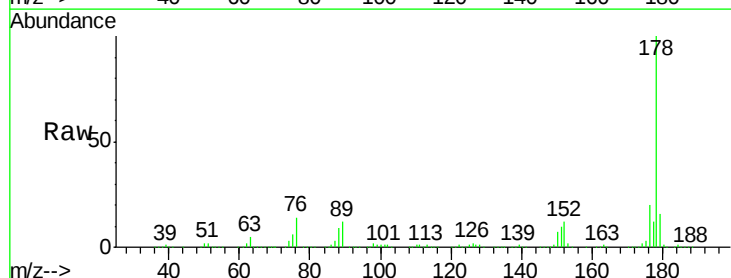
Tgt Ion:178 Resp: 1502416

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

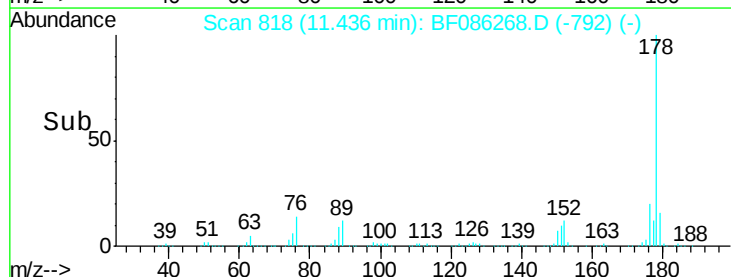
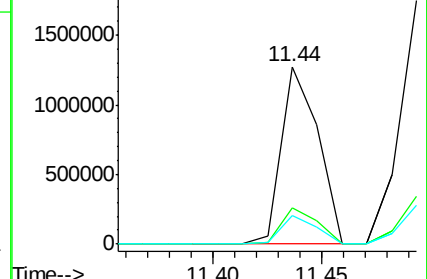
179 16.1 13.0 19.6

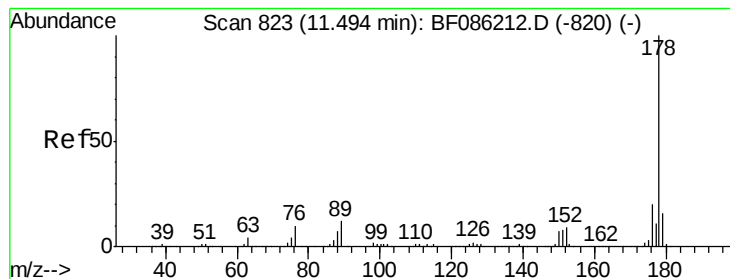


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.78 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

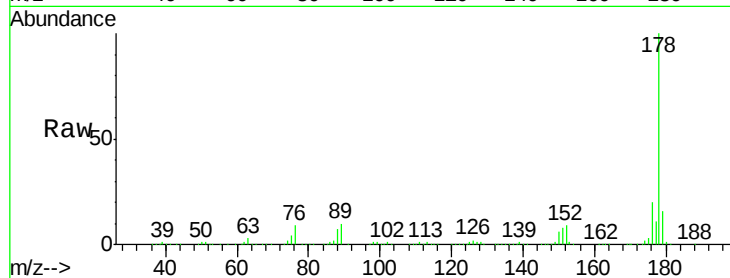
Tgt Ion:178 Resp: 1594314

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

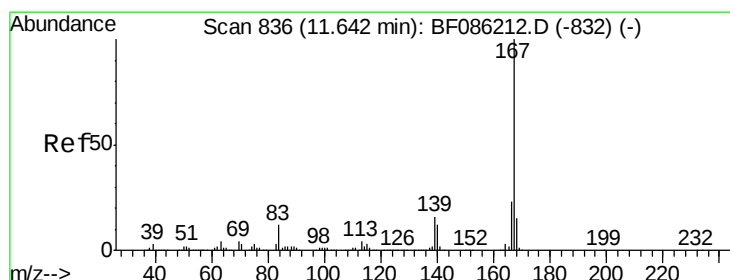
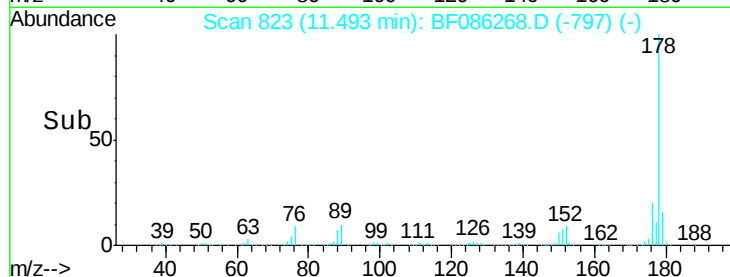
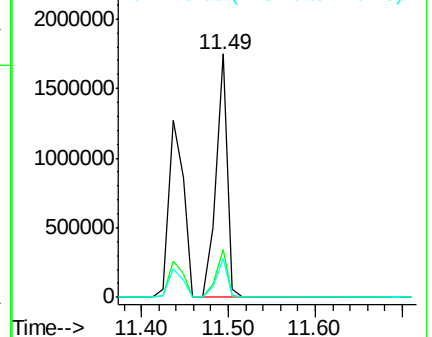
179 15.9 13.2 19.8



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



#72

Carbazole

Concen: 37.68 ng

RT: 11.64 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

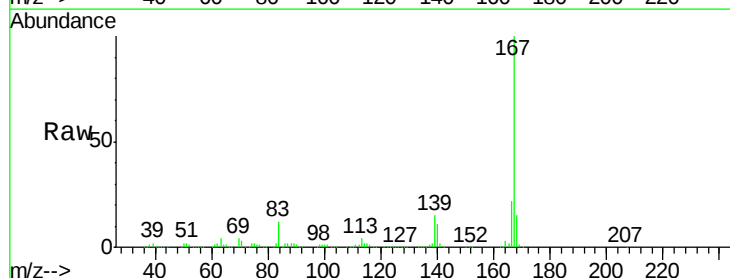
Tgt Ion:167 Resp: 1338077

Ion Ratio Lower Upper

167 100

166 22.3 18.3 27.5

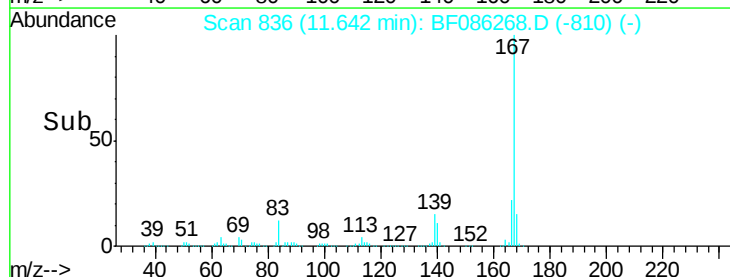
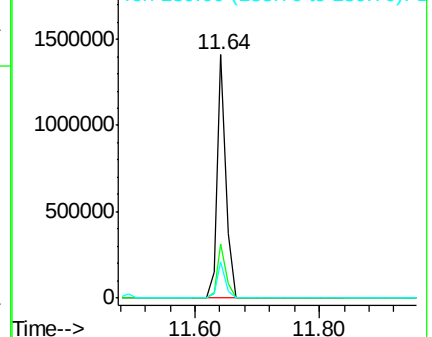
139 15.0 12.3 18.5

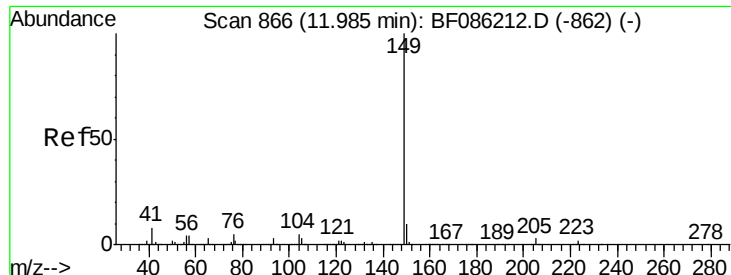


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.26 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

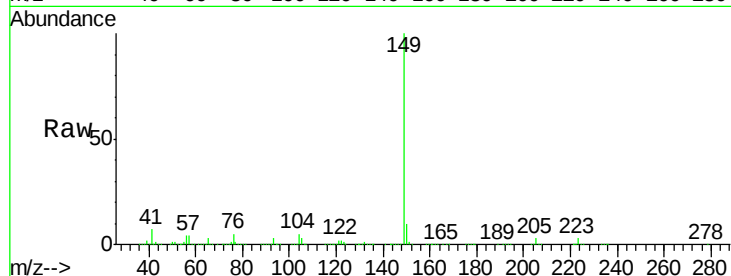
Tgt Ion:149 Resp: 1932709

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

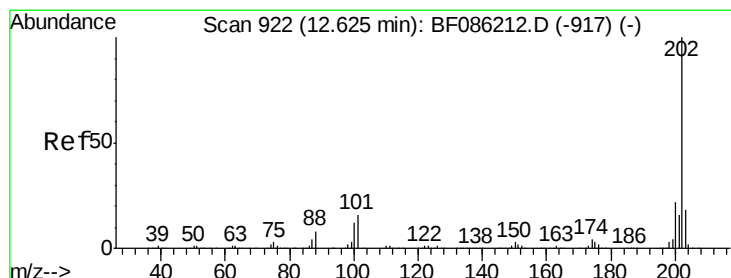
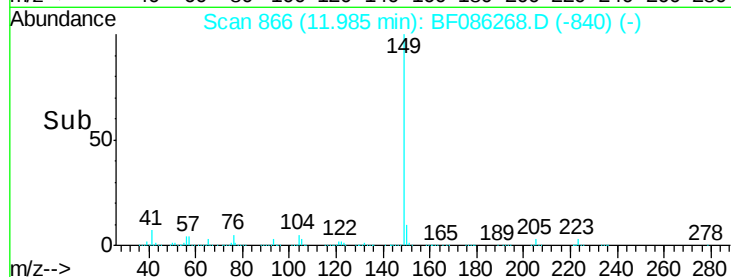
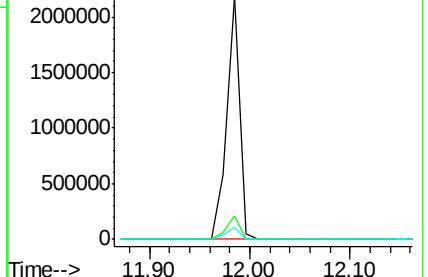
104 5.0 4.1 6.1



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: 40.88 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

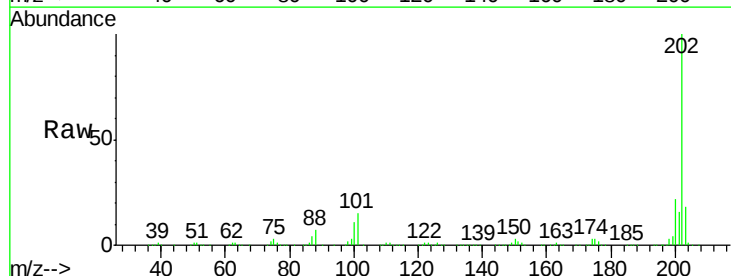
Tgt Ion:202 Resp: 1330278

Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.2

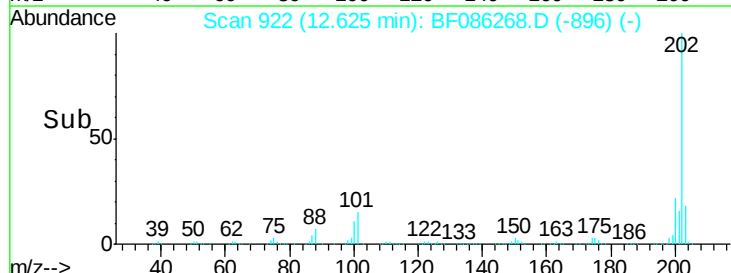
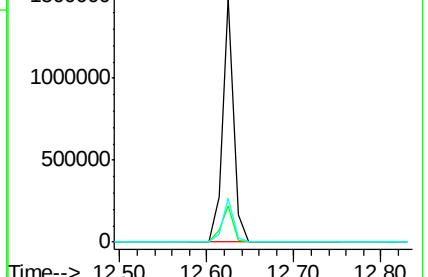
203 17.9 0.0 38.2

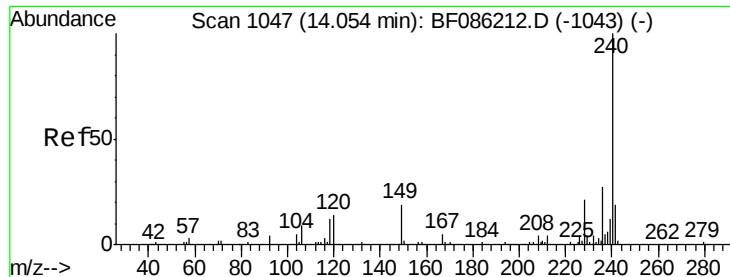


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

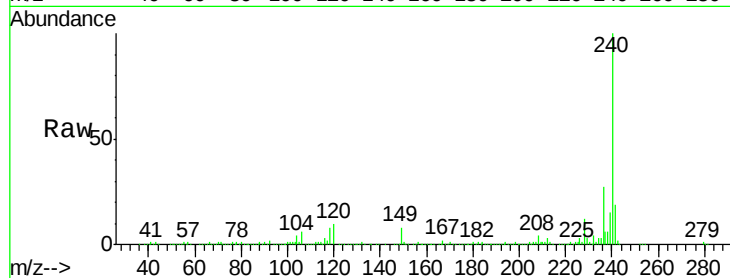
Tgt Ion:240 Resp: 419241

Ion Ratio Lower Upper

240 100

120 10.0 9.3 13.9

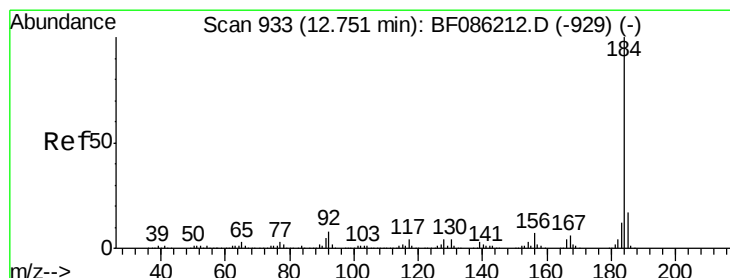
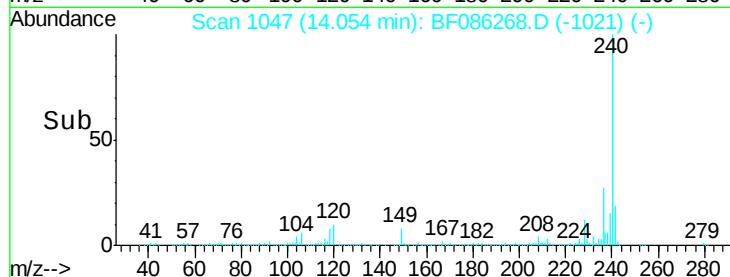
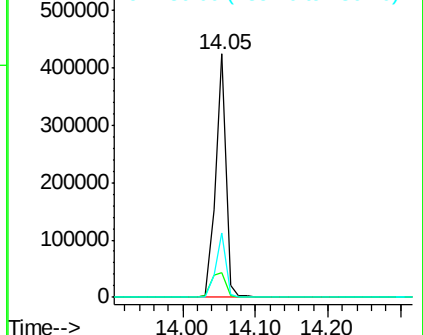
236 26.7 21.1 31.7



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: 47.76 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

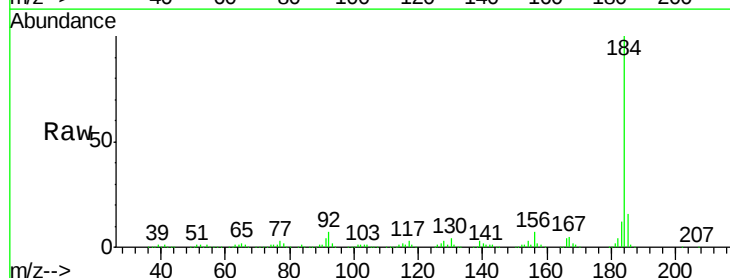
Tgt Ion:184 Resp: 776691

Ion Ratio Lower Upper

184 100

185 16.1 14.2 21.2

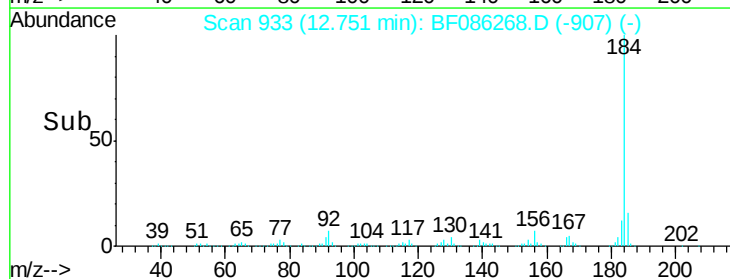
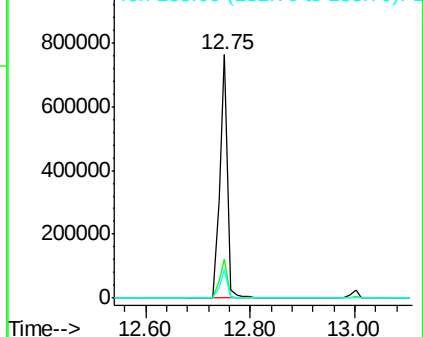
183 12.0 9.8 14.6

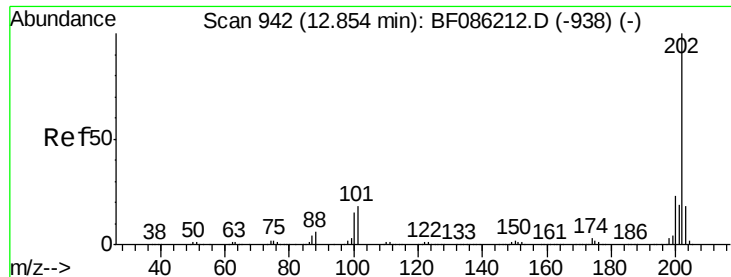


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

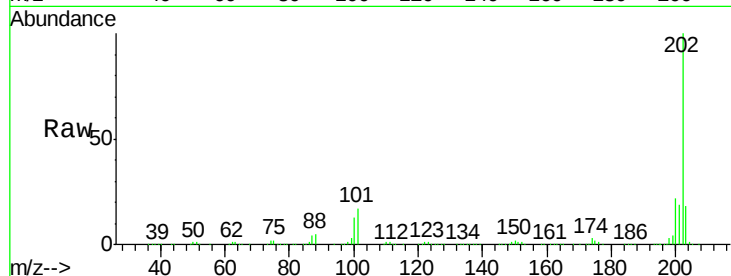




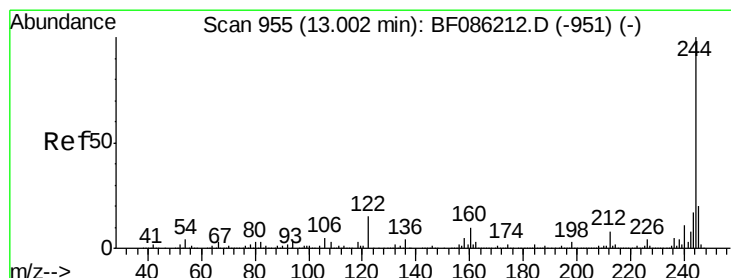
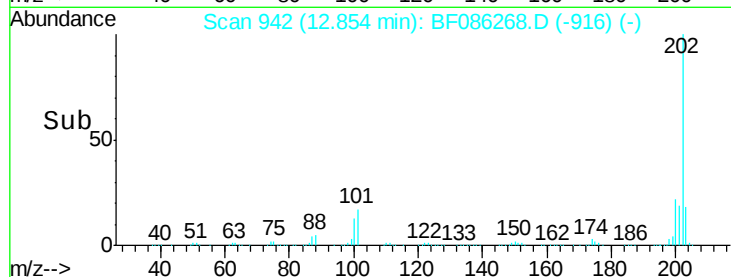
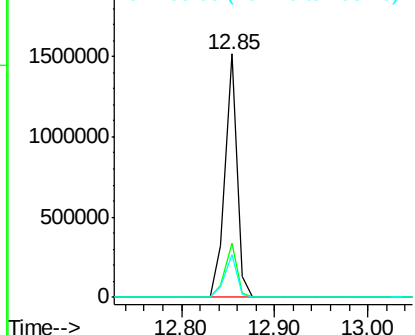
#77
 Pyrene
 Concen: 42.23 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 1358189
 Ion Ratio Lower Upper
 202 100
 200 22.5 18.3 27.5
 203 17.7 14.9 22.3

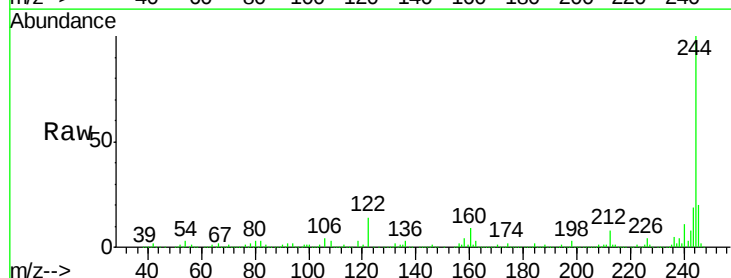


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

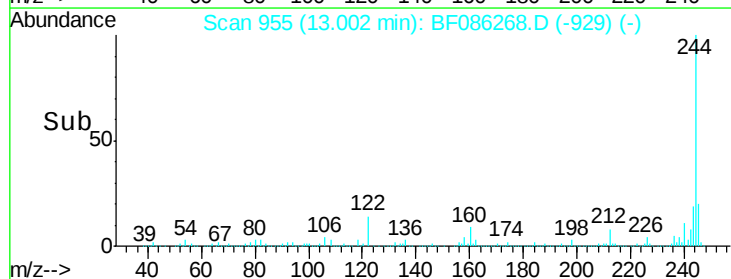
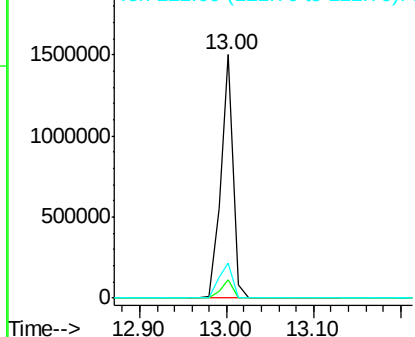


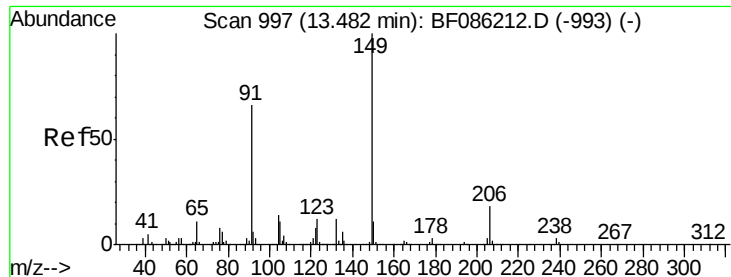
#78
 Terphenyl-d14
 Concen: 88.83 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion:244 Resp: 1481024
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 14.2 11.7 17.5



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

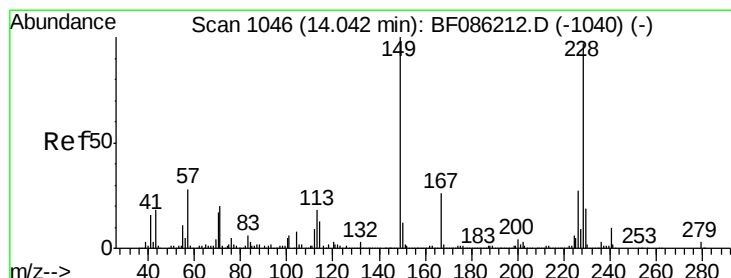
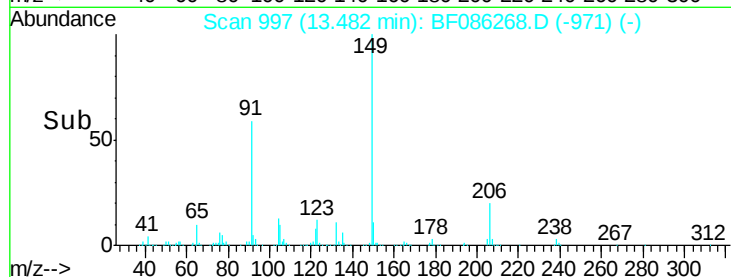
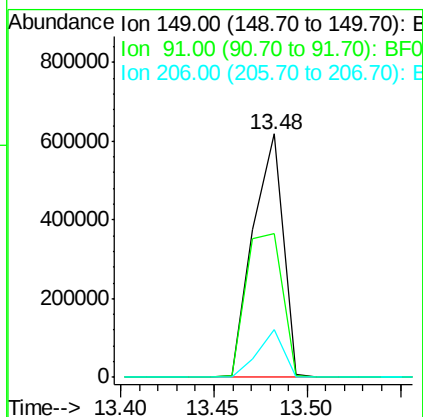
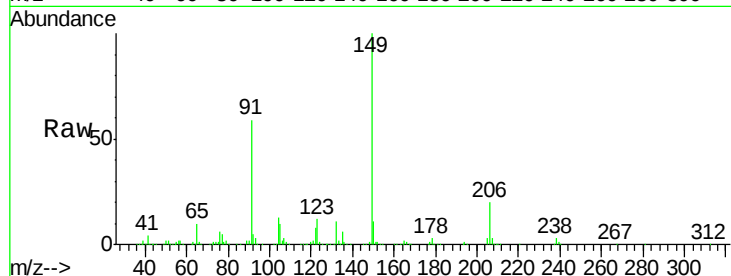




#79
Butylbenzylphthalate
Concen: 46.36 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

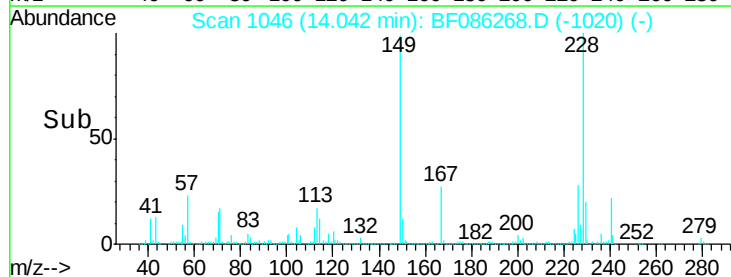
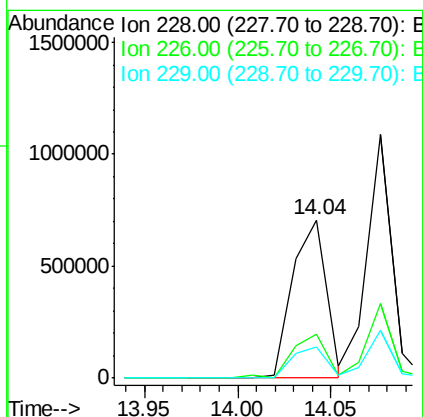
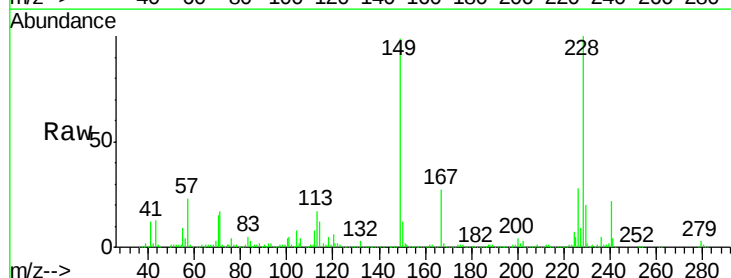
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

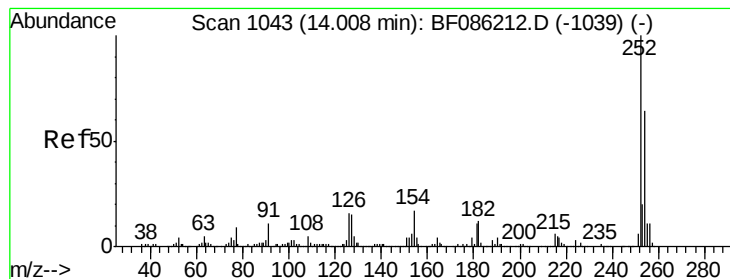
Tgt Ion:149 Resp: 688869
Ion Ratio Lower Upper
149 100
91 59.2 48.7 73.1
206 19.7 15.7 23.5



#80
Benzo(a)anthracene
Concen: 38.93 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Tgt Ion:228 Resp: 895908
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 19.7 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 46.22 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

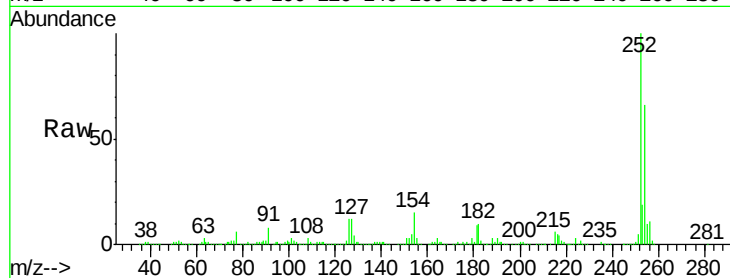
Tgt Ion:252 Resp: 616678

Ion Ratio Lower Upper

252 100

254 65.9 52.1 78.1

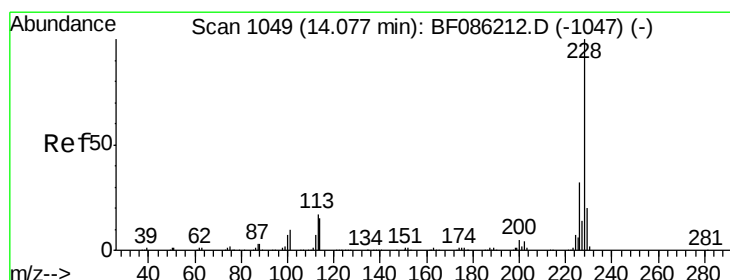
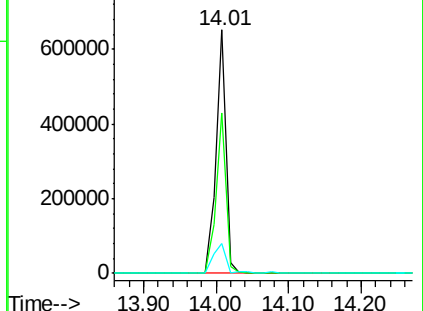
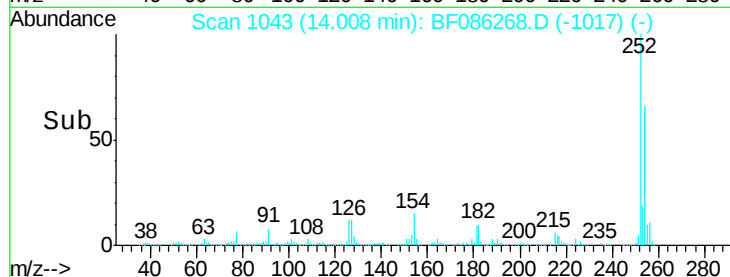
126 12.0 13.2 19.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.07 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

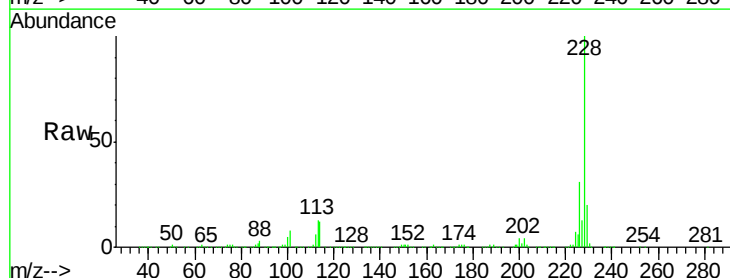
Tgt Ion:228 Resp: 1007953

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.2

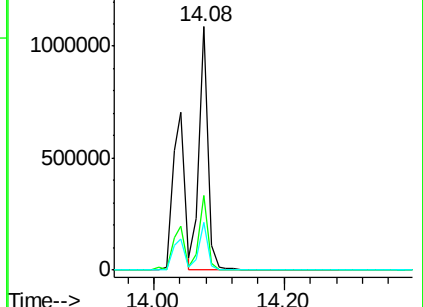
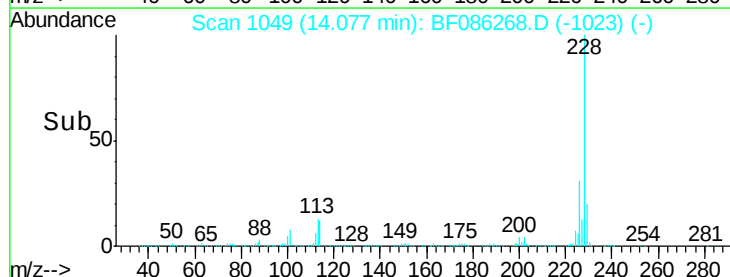
229 19.8 16.5 24.7

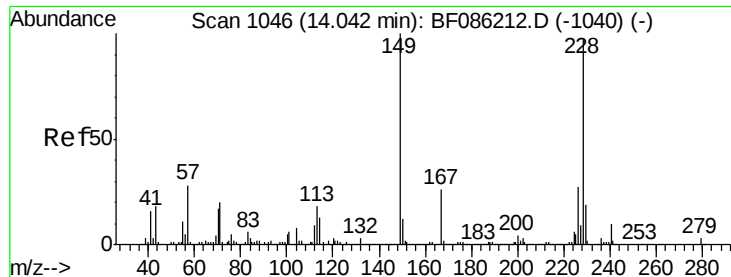


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

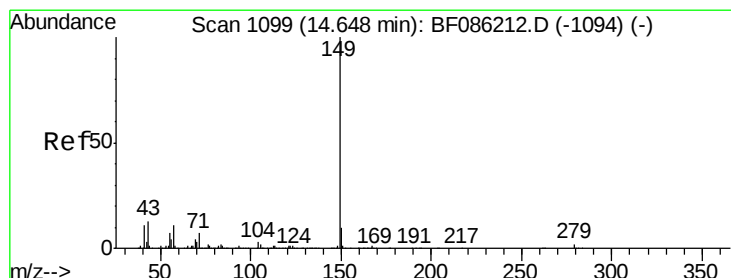
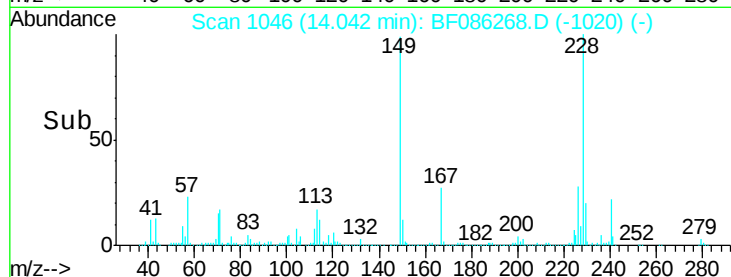
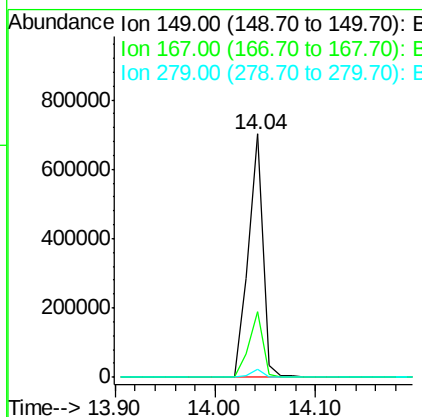
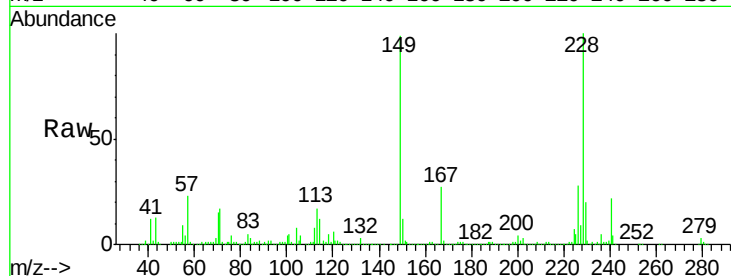




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.50 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

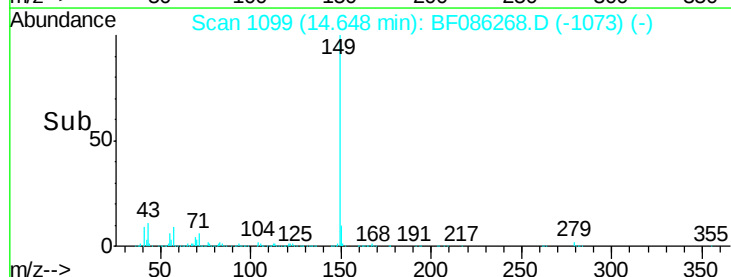
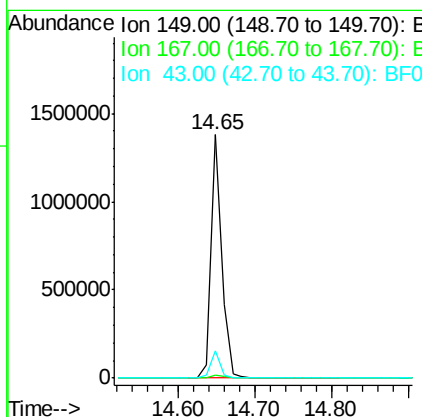
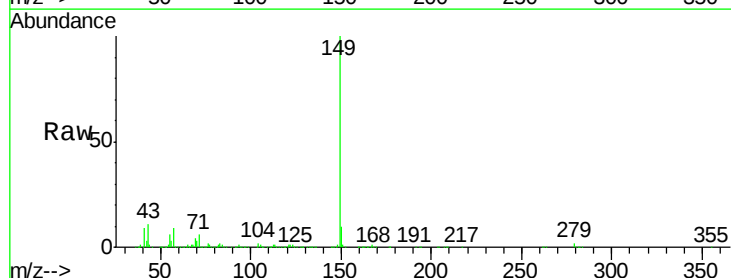
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

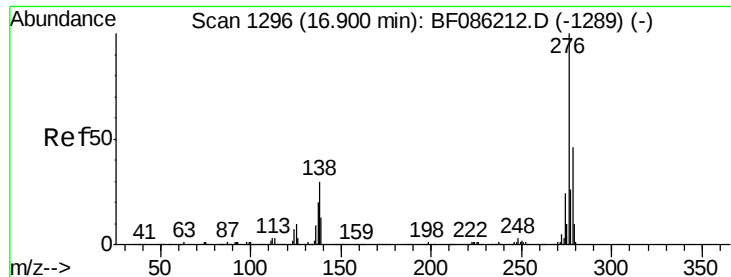
Tgt Ion:149 Resp: 713962
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 3.2 2.4 3.6



#84
 Di-n-octyl phthalate
 Concen: 42.47 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion:149 Resp: 1313401
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 10.2 9.1 13.7

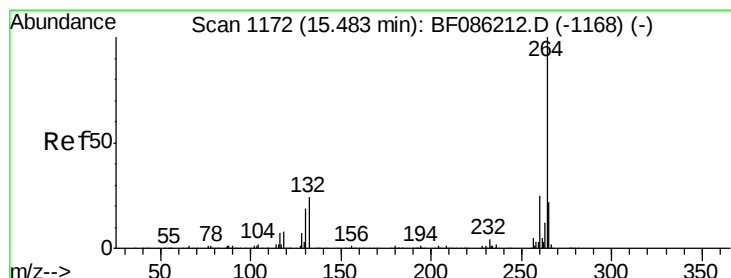
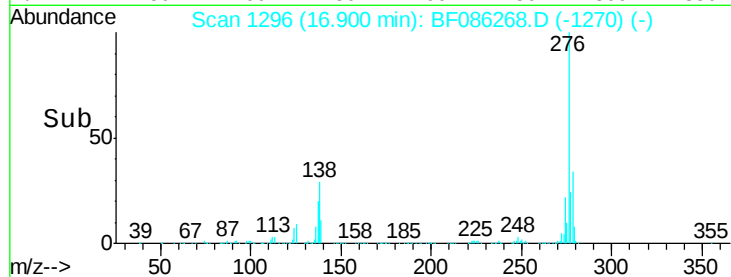
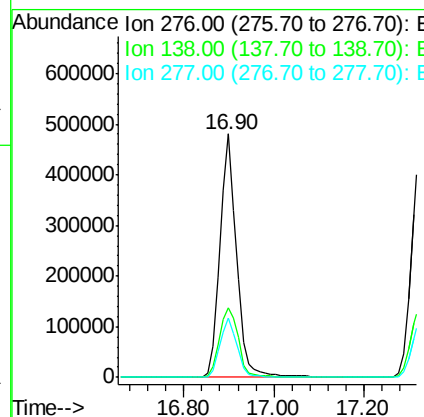
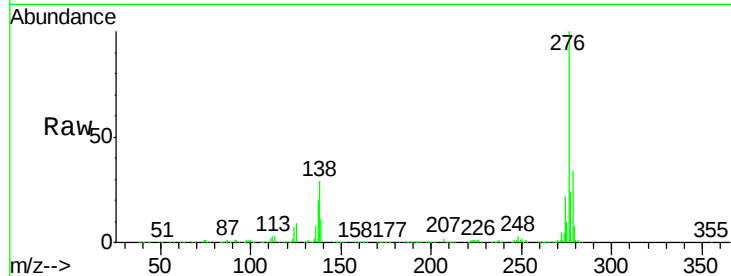




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 61.61 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

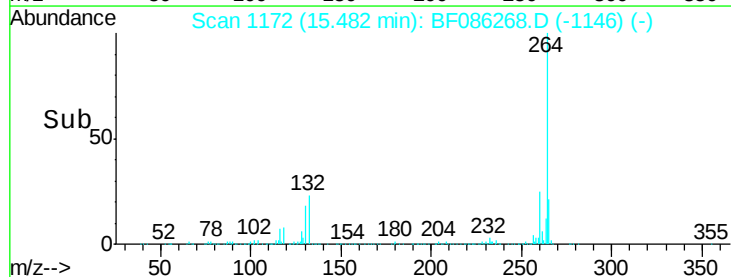
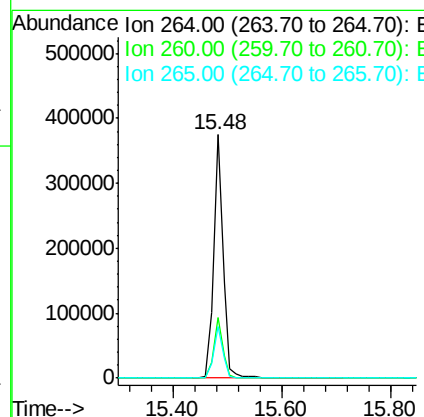
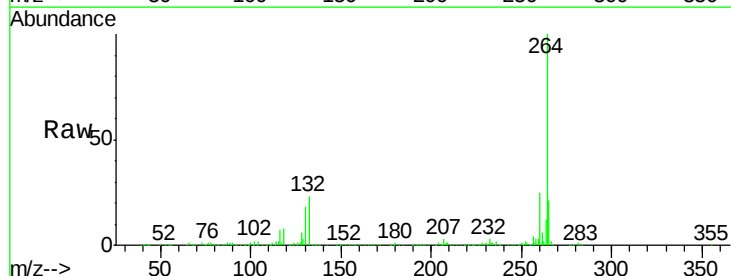
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

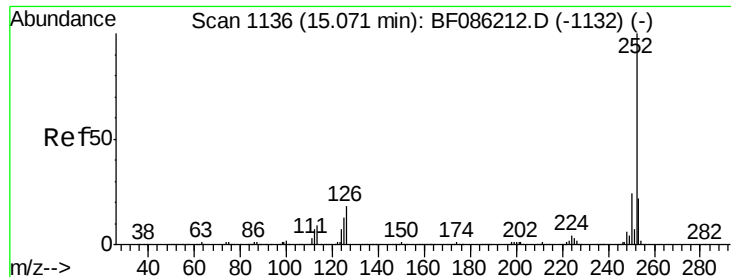
Tgt Ion: 276 Resp: 1242837
 Ion Ratio Lower Upper
 276 100
 138 32.9 23.8 35.6
 277 25.6 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086268.D
 Acq: 16 Apr 2016 16:17

Tgt Ion: 264 Resp: 453795
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 21.3 17.4 26.0

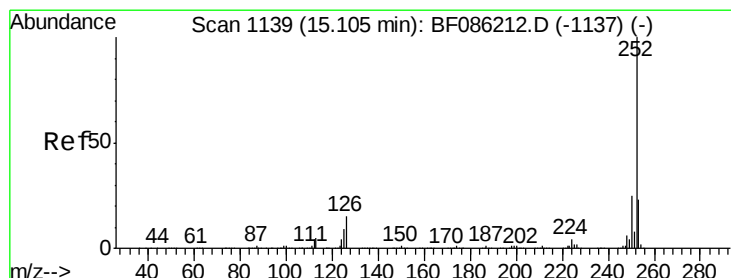
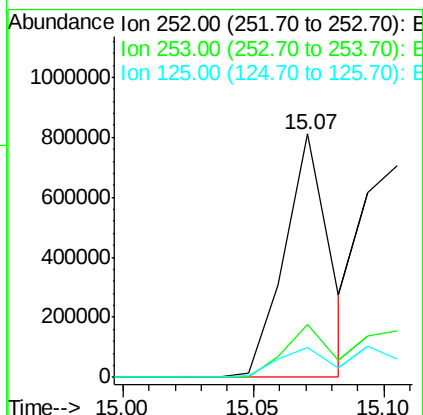
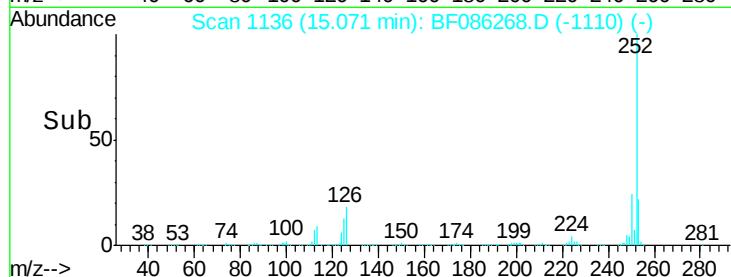
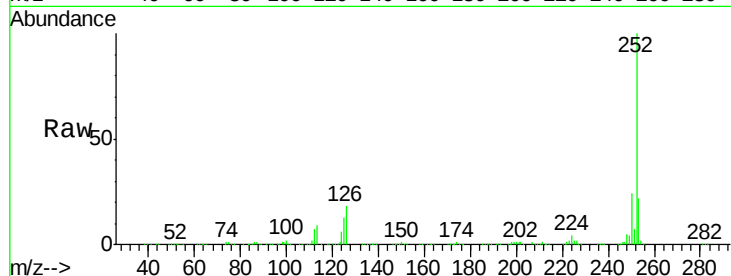




#87
Benzo(b)fluoranthene
Concen: 34.43 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

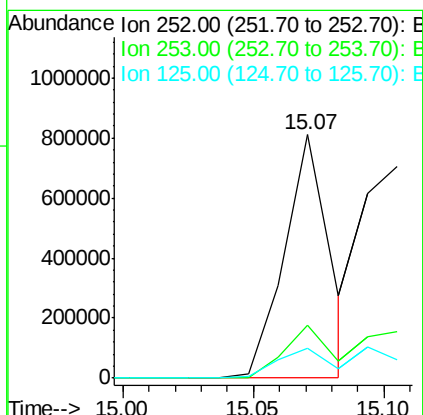
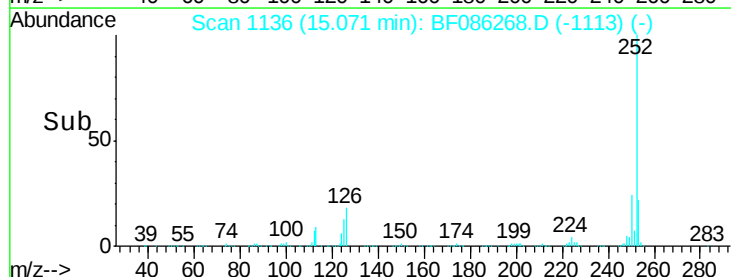
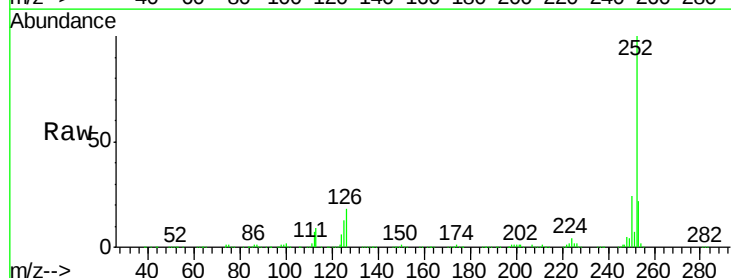
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

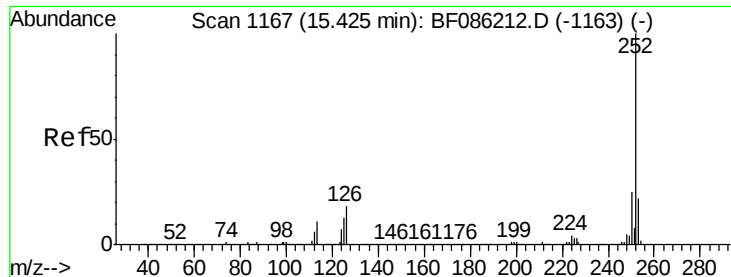
Tgt Ion:252 Resp: 964041
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 12.5 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 37.76 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF086268.D
Acq: 16 Apr 2016 16:17

Tgt Ion:252 Resp: 964041
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.5 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 40.24 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

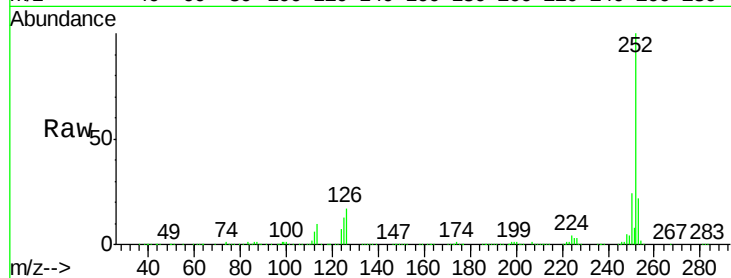
Tgt Ion: 252 Resp: 975828

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

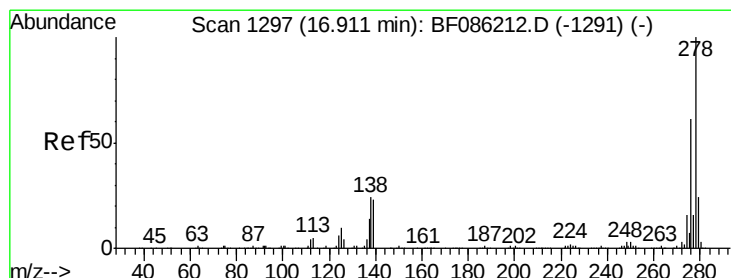
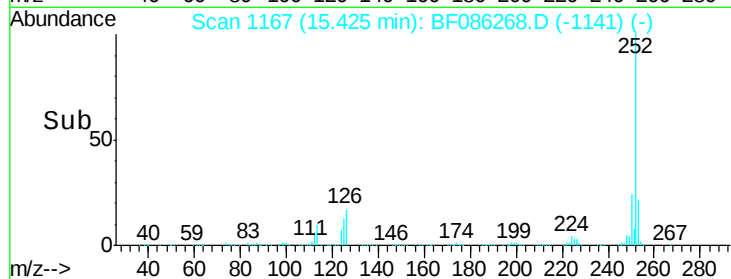
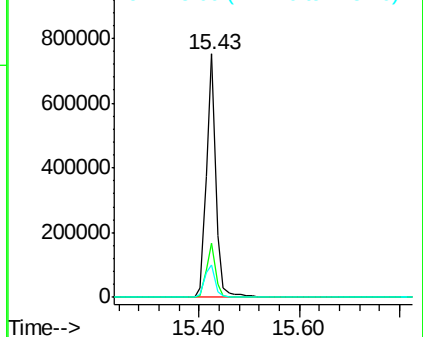
125 13.3 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.71 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

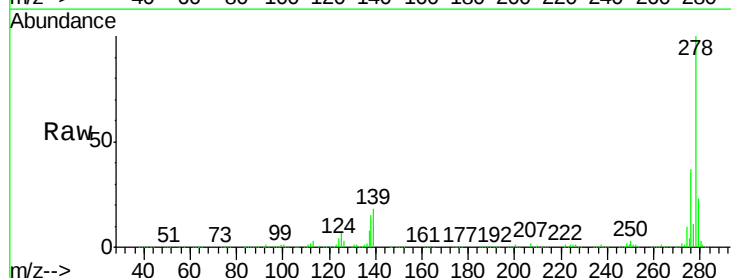
Tgt Ion: 278 Resp: 1022486

Ion Ratio Lower Upper

278 100

139 18.2 15.3 22.9

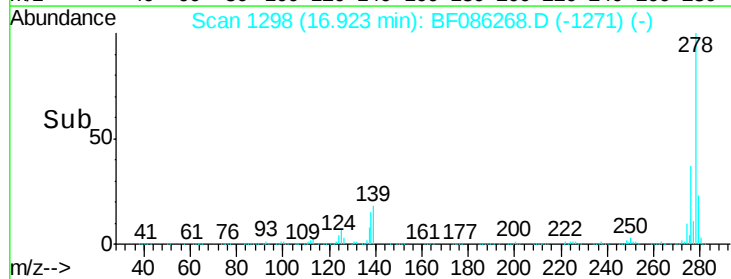
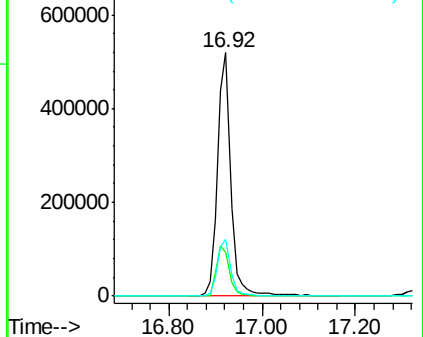
279 23.2 19.1 28.7

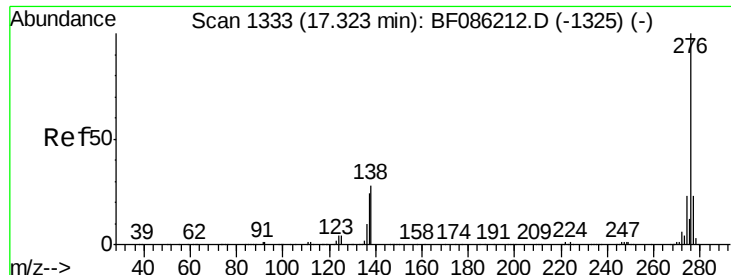


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.08 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF086268.D

Acq: 16 Apr 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

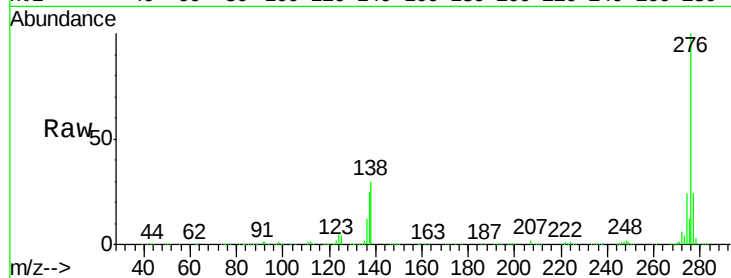
Tgt Ion: 276 Resp: 1095649

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.6

138 29.9 19.6 29.4#



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

