

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086309.D
 Acq On : 20 Apr 2016 15:24
 Operator : UM/SJ
 Sample : PB89915BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Quant Time: Apr 21 00:51:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266307	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1056049	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	479637	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	776074	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	438500	20.00	ng	-0.03
86) Perylene-d12	15.44	264	462855	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1662613	108.93	ng	-0.01
7) Phenol-d6	6.50	99	2061464	103.21	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1427514	77.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	403099	107.83	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2141149	85.43	ng	-0.03
78) Terphenyl-d14	12.97	244	1345791	73.05	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	244573	29.58	ng	97
3) Pyridine	3.28	79	729398	34.46	ng	97
4) n-Nitrosodimethylamine	3.22	42	254927	34.95	ng	# 70
6) Aniline	6.52	93	431641	16.06	ng	# 75
8) 2-Chlorophenol	6.65	128	645303	35.59	ng	88
9) Benzaldehyde	6.41	77	134513	9.50	ng	99
10) Phenol	6.51	94	863086	37.70	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	715754	35.80	ng	91
12) 1,3-Dichlorobenzene	6.88	146	718078	36.10	ng	99
13) 1,4-Dichlorobenzene	6.88	146	727323	34.22	ng	98
14) 1,2-Dichlorobenzene	7.04	146	663210	35.17	ng	98
15) Benzyl Alcohol	7.01	79	493929	39.80	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1012820	36.00	ng	91
17) 2-Methylphenol	7.12	107	569503	37.58	ng	97
18) Hexachloroethane	7.38	117	244640	38.62	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	430997	35.62	ng	# 82
20) 3+4-Methylphenols	7.28	107	625040	38.03	ng	# 78
22) Acetophenone	7.28	105	869065	39.18	ng	# 89
24) Nitrobenzene	7.45	77	715430	36.27	ng	99
25) Isophorone	7.69	82	1300918	37.24	ng	100
26) 2-Nitrophenol	7.77	139	375063	42.51	ng	# 76
27) 2,4-Dimethylphenol	7.80	122	663243	38.33	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	848946	41.55	ng	99
29) 2,4-Dichlorophenol	8.01	162	563069	41.26	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	555955	37.76	ng	98
31) Naphthalene	8.17	128	1888851	37.52	ng	99
32) Benzoic acid	7.93	122	371155	36.09	ng	97
33) 4-Chloroaniline	8.22	127	214548	10.30	ng	95
34) Hexachlorobutadiene	8.29	225	277258	37.37	ng	99
35) Caprolactam	8.59	113	185960	42.08	ng	# 83
36) 4-Chloro-3-methylphenol	8.70	107	593189	38.66	ng	96
37) 2-Methylnaphthalene	8.86	142	1236963	39.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	453616	35.53	ng	97
40) Hexachlorocyclopentadiene	9.01	237	273688	87.12	ng	100

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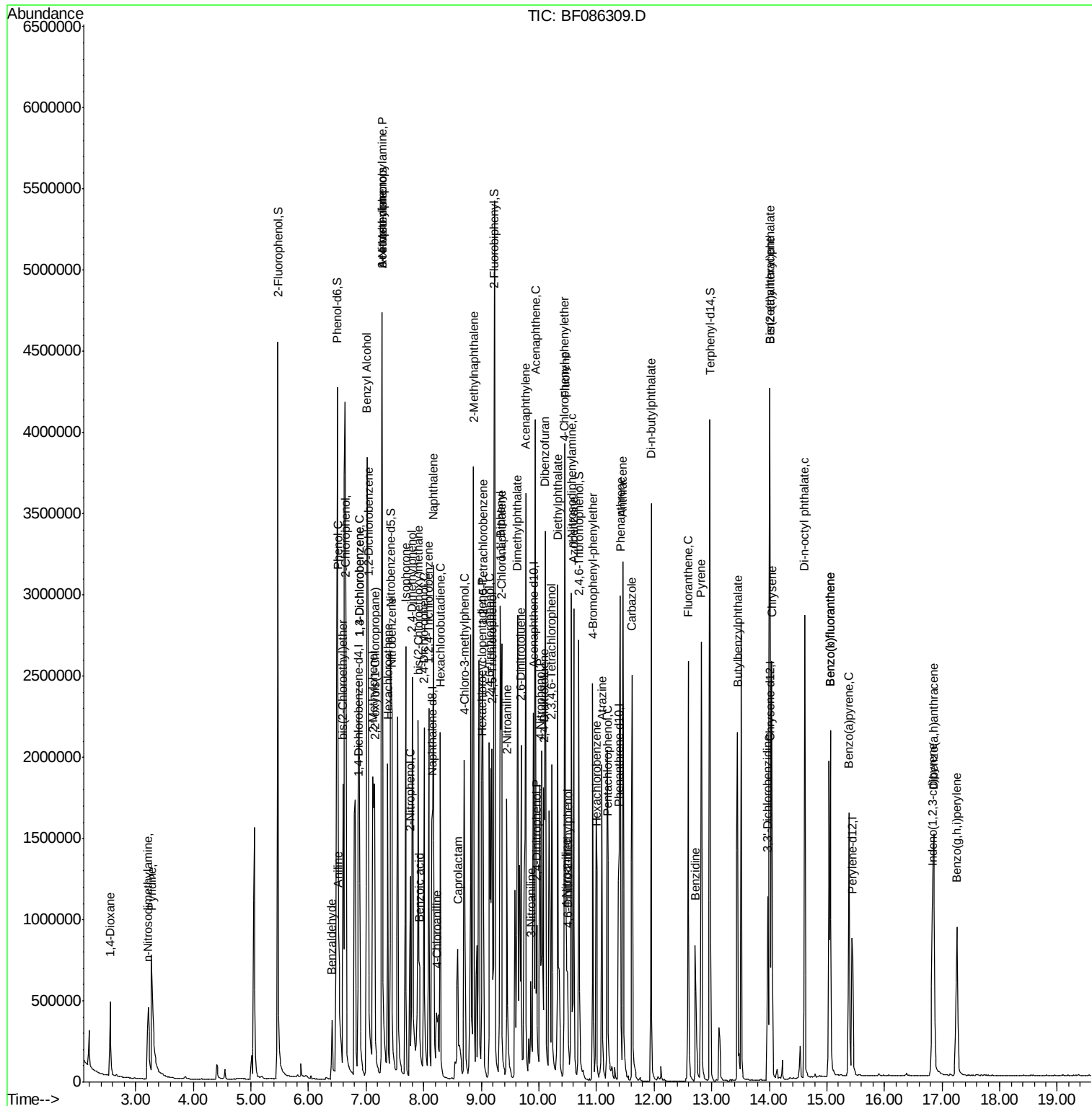
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42) 2,4,6-Trichlorophenol	9.14	196	329489	37.20	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	365456	37.89	ng	# 90
45) 1,1'-Biphenyl	9.33	154	1425602	37.85	ng	96
46) 2-Chloronaphthalene	9.36	162	1114335	39.04	ng	94
47) 2-Nitroaniline	9.45	65	382880	39.47	ng	86
48) Acenaphthylene	9.77	152	1741550	39.07	ng	99
49) Dimethylphthalate	9.63	163	1329153	36.40	ng	100
50) 2,6-Dinitrotoluene	9.69	165	280227	37.29	ng	# 73
51) Acenaphthene	9.94	154	1090718	41.71	ng	99
52) 3-Nitroaniline	9.86	138	157822	16.52	ng	83
53) 2,4-Dinitrophenol	9.96	184	158384	99.23	ng	90
54) Dibenzofuran	10.11	168	1477798	41.57	ng	96
55) 4-Nitrophenol	10.02	139	456661	77.07	ng	85
56) 2,4-Dinitrotoluene	10.09	165	356935	38.22	ng	# 66
57) Fluorene	10.45	166	1056207	40.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	265111	40.96	ng	99
59) Diethylphthalate	10.33	149	1254873	35.22	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	443279	36.33	ng	93
61) 4-Nitroaniline	10.48	138	280709	31.38	ng	# 79
62) Azobenzene	10.60	77	1387717	39.51	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	109187	45.15	ng	# 59
65) n-Nitrosodiphenylamine	10.57	169	1027583	40.19	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	300269	36.01	ng	# 91
67) Hexachlorobenzene	11.00	284	310868	37.14	ng	# 70
68) Atrazine	11.09	200	297184	37.82	ng	96
69) Pentachlorophenol	11.20	266	324505	74.02	ng	97
70) Phenanthrene	11.41	178	1462574	39.77	ng	99
71) Anthracene	11.46	178	1497640	38.03	ng	99
72) Carbazole	11.62	167	1460671	39.19	ng	97
73) Di-n-butylphthalate	11.95	149	1835204	38.24	ng	100
74) Fluoranthene	12.59	202	1236367	36.26	ng	98
76) Benzidine	12.72	184	506552	26.17	ng	98
77) Pyrene	12.82	202	1214452	37.34	ng	98
79) Butylbenzylphthalate	13.45	149	686931	40.01	ng	99
80) Benzo(a)anthracene	14.01	228	935486	40.50	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	275290	17.23	ng	98
82) Chrysene	14.04	228	860962	34.48	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	776224	38.60	ng	99
84) Di-n-octyl phthalate	14.61	149	1401610	38.68	ng	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	991096	38.60	ng	96
87) Benzo(b)fluoranthene	15.06	252	1962063	73.29	ng	97
88) Benzo(k)fluoranthene	15.06	252	1962063	87.06	ng	# 94
89) Benzo(a)pyrene	15.38	252	983615	39.86	ng	97
90) Dibenzo(a,h)anthracene	16.85	278	839509	38.98	ng	96
91) Benzo(g,h,i)perylene	17.25	276	811226	39.28	ng	# 94

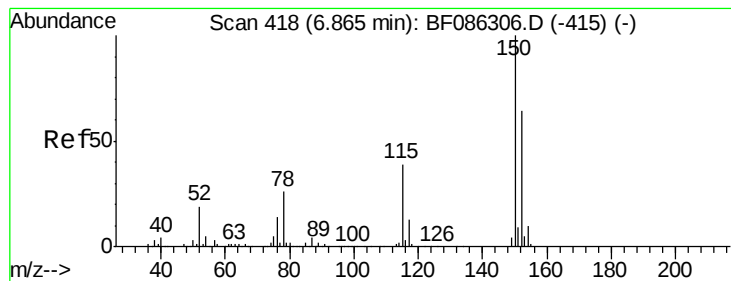
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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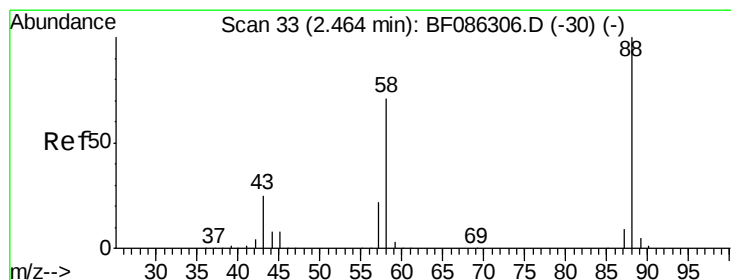
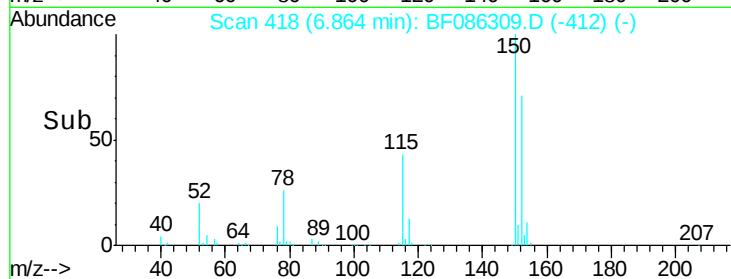
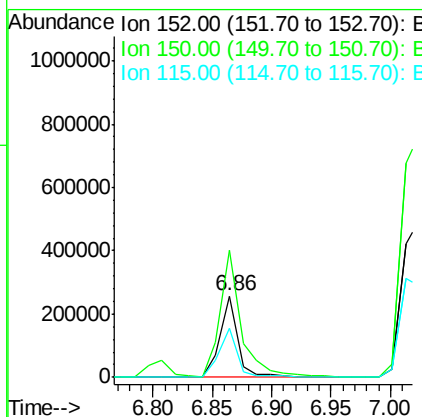
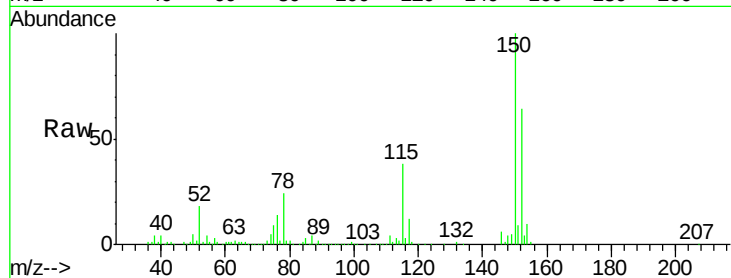




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

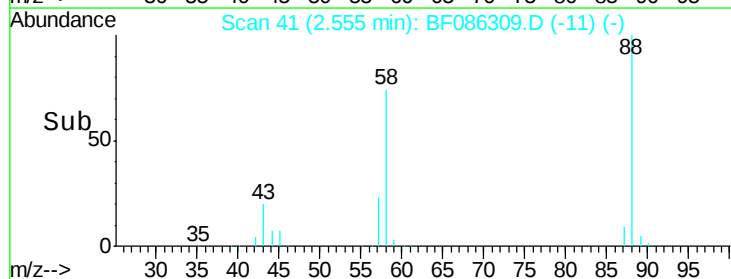
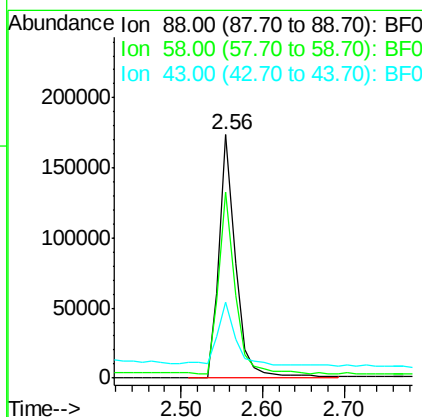
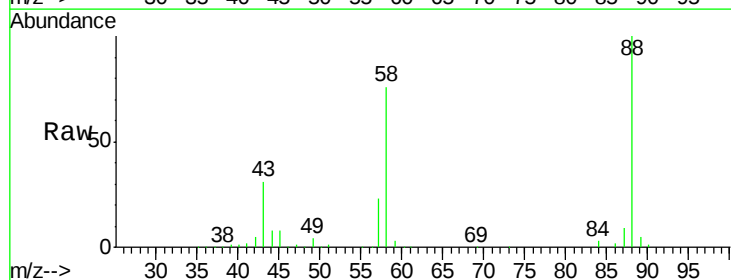
Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

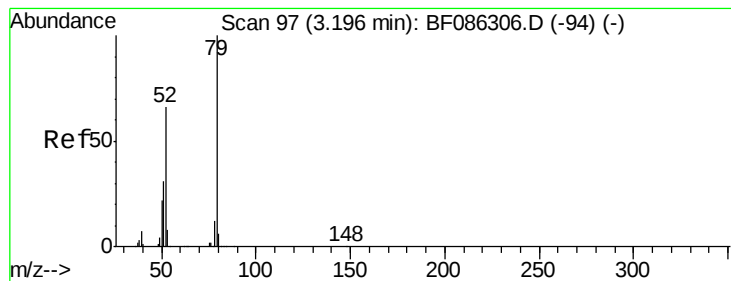
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.1	186.1
115	60.2	43.9	65.9



#2
 1,4-Dioxane
 Concen: 29.58 ng
 RT: 2.56 min Scan# 41
 Delta R.T. 0.05 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	58.4	87.6
43	27.1	23.3	34.9





#3

Pyridine

Concen: 34.46 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

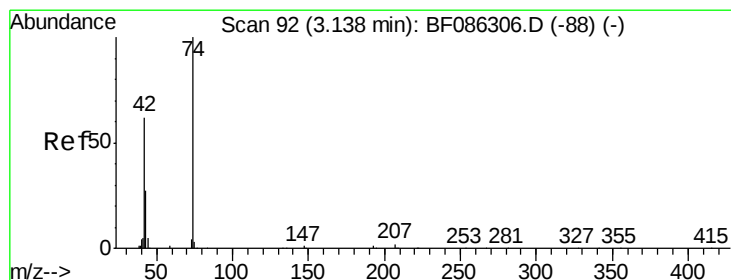
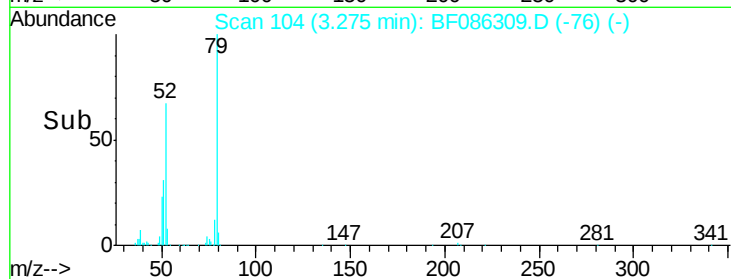
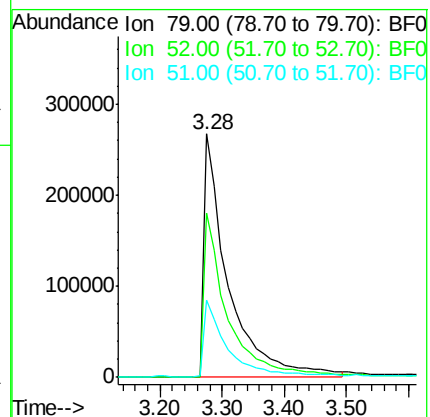
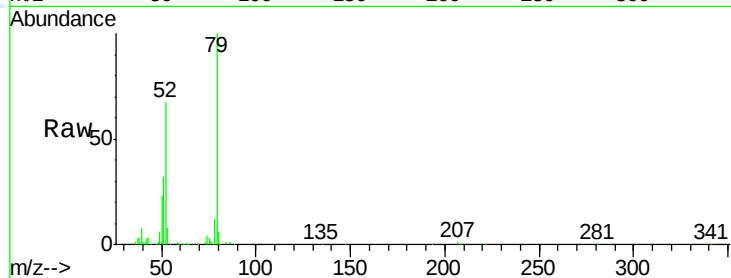
Tgt Ion: 79 Resp: 729398

Ion Ratio Lower Upper

79 100

52 67.4 55.4 83.2

51 31.8 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 34.95 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

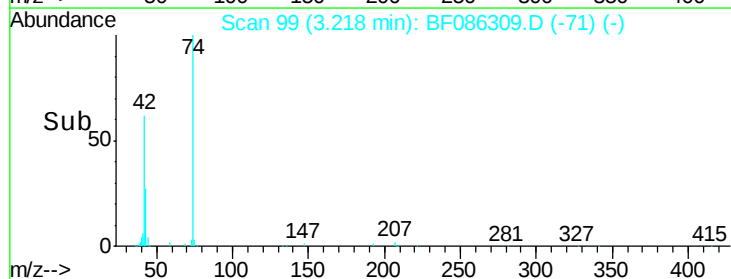
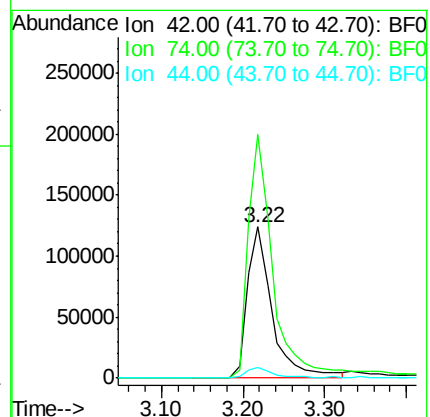
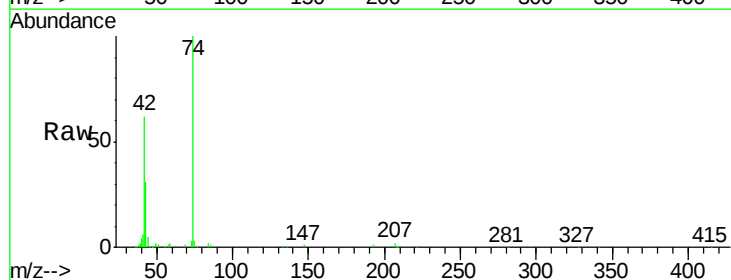
Tgt Ion: 42 Resp: 254927

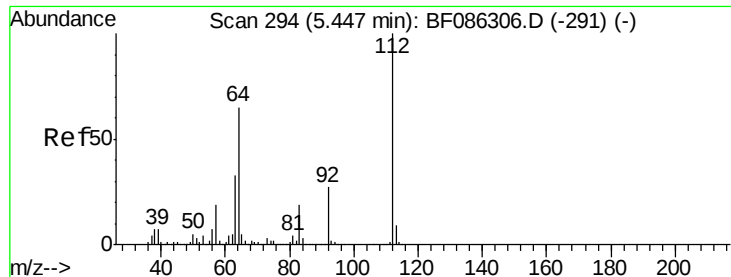
Ion Ratio Lower Upper

42 100

74 161.2 100.5 150.7#

44 7.5 5.4 8.0





#5

2-Fluorophenol

Concen: 108.93 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

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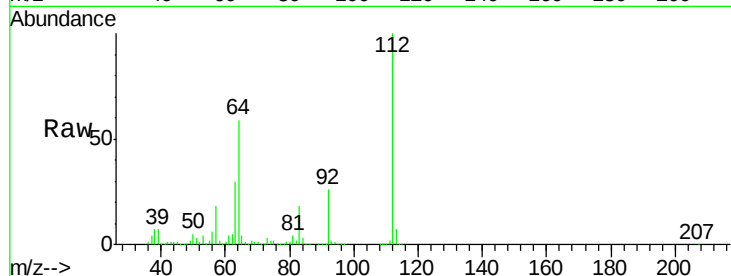
Tgt Ion: 112 Resp: 1662613

Ion Ratio Lower Upper

112 100

64 59.0 48.1 72.1

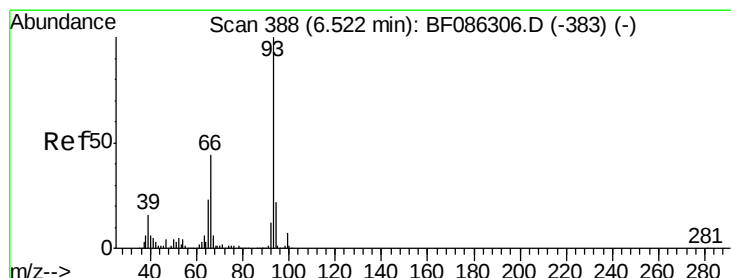
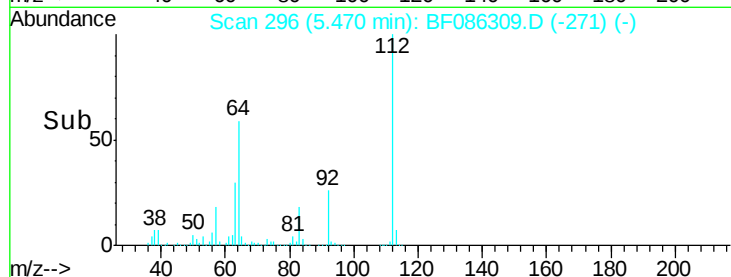
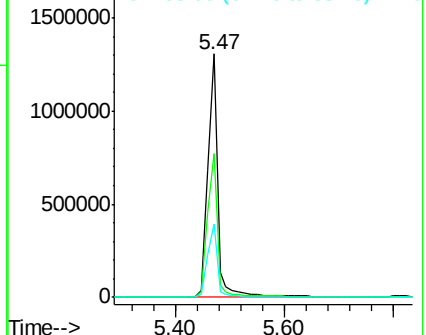
63 30.3 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.06 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

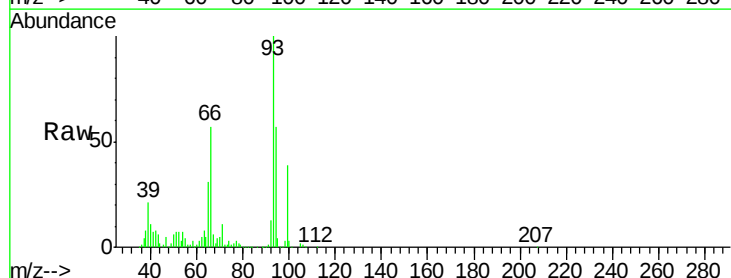
Tgt Ion: 93 Resp: 431641

Ion Ratio Lower Upper

93 100

66 56.7 32.2 48.2#

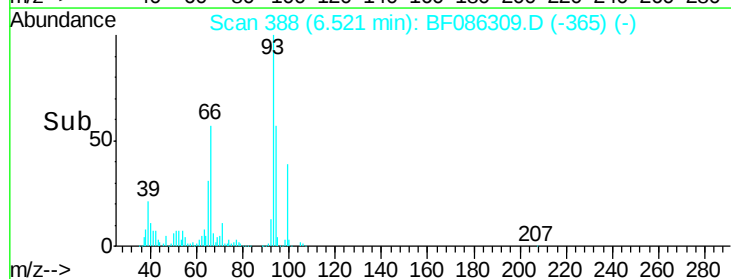
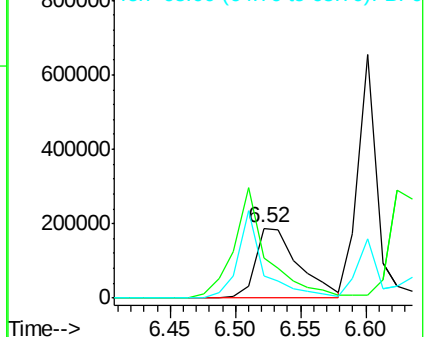
65 31.0 16.4 24.6#

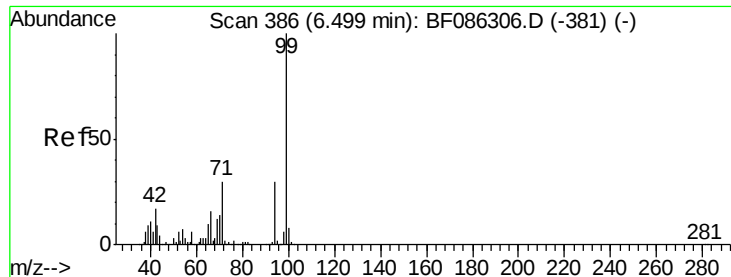


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

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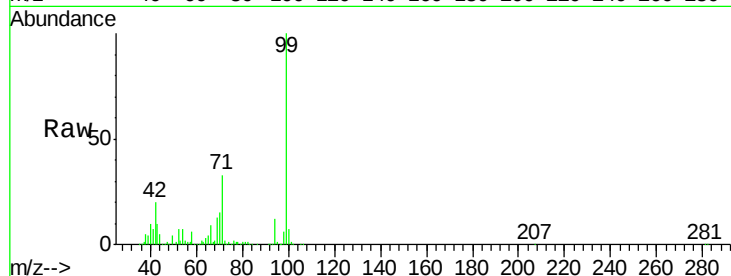
Tgt Ion: 99 Resp: 2061464

Ion Ratio Lower Upper

99 100

42 20.1 15.4 23.2

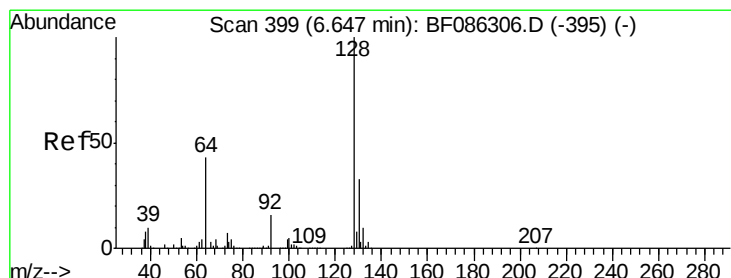
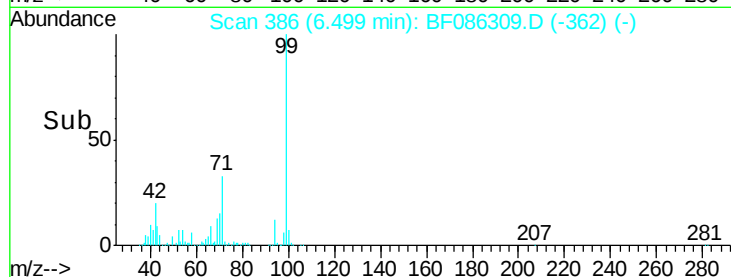
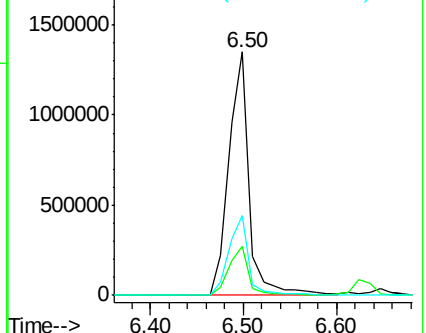
71 32.7 25.6 38.4



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: 35.59 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

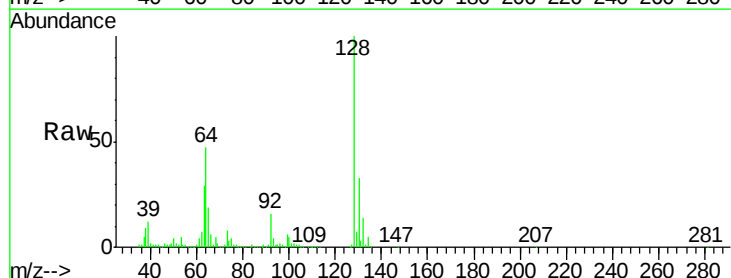
Tgt Ion: 128 Resp: 645303

Ion Ratio Lower Upper

128 100

130 32.5 11.8 51.8

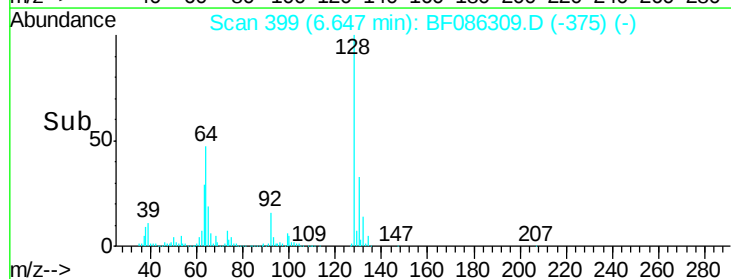
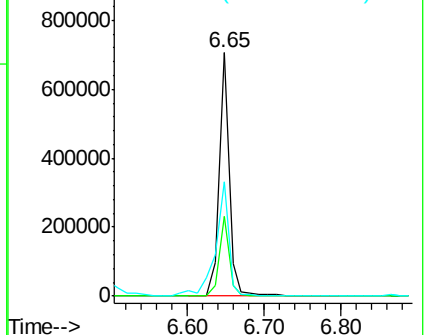
64 46.7 39.5 79.5

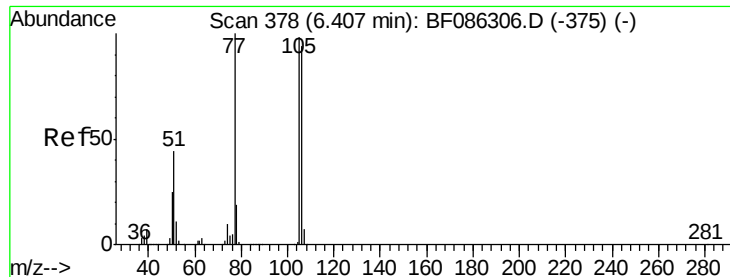


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.50 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086309.D

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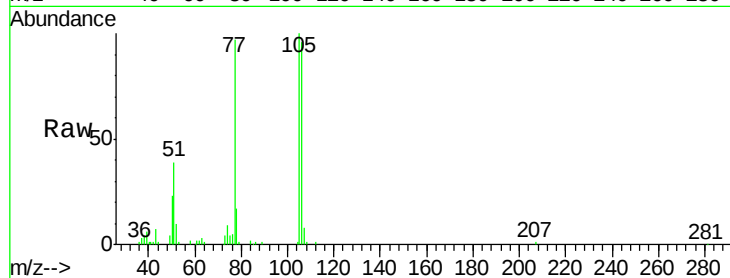
Tgt Ion: 77 Resp: 134513

Ion Ratio Lower Upper

77 100

105 103.0 84.6 124.6

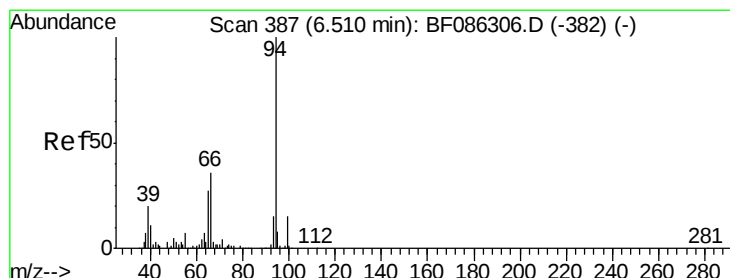
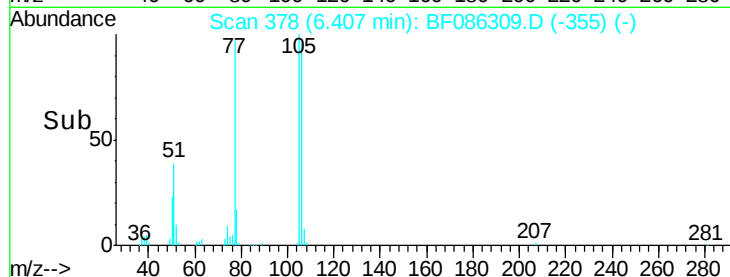
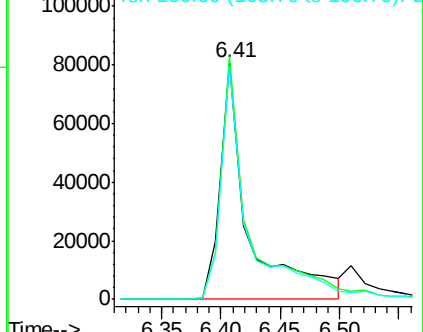
106 98.6 78.6 118.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.70 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

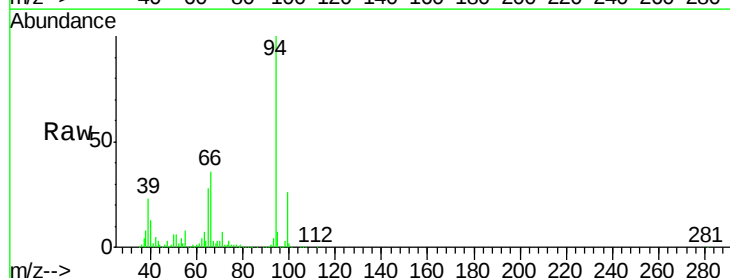
Tgt Ion: 94 Resp: 863086

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

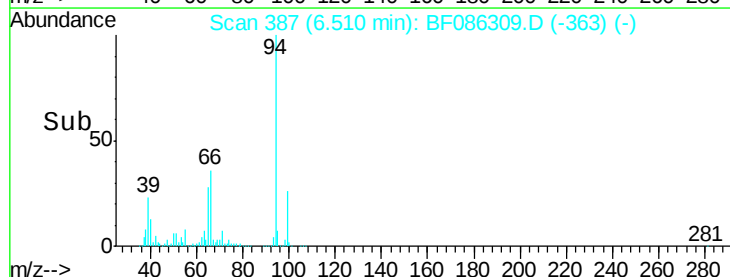
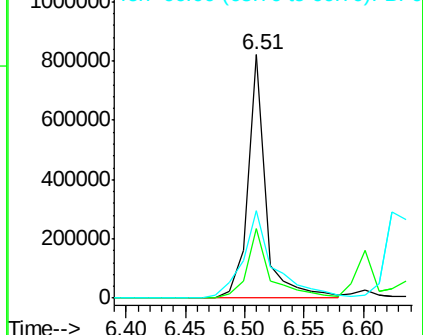
66 36.1 16.5 56.5

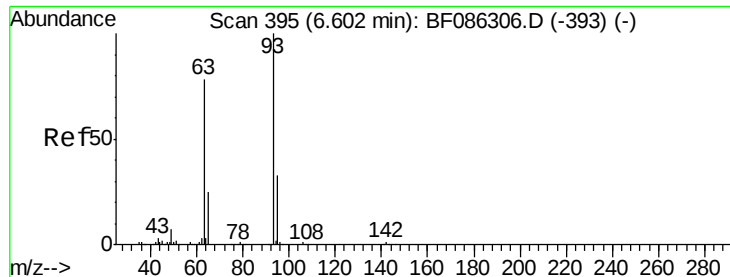


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.80 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

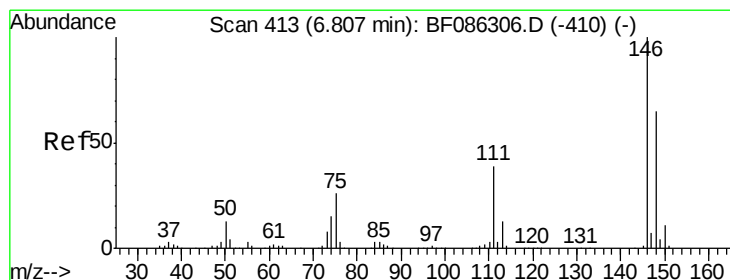
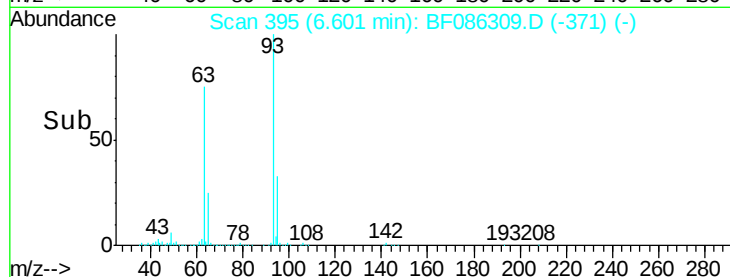
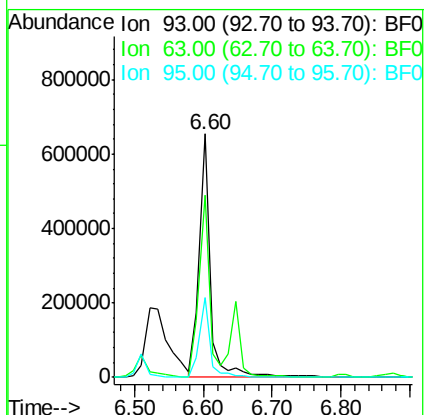
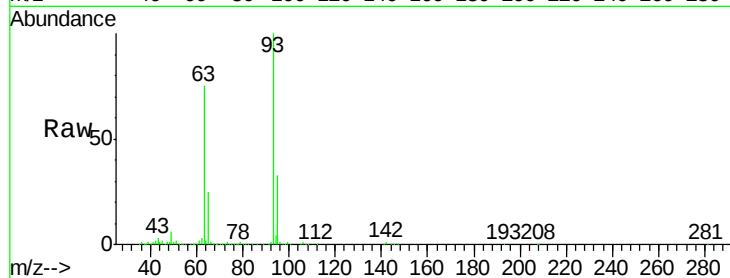
Tgt Ion: 93 Resp: 715754

Ion Ratio Lower Upper

93 100

63 74.9 44.4 84.4

95 32.6 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 36.10 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.05 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

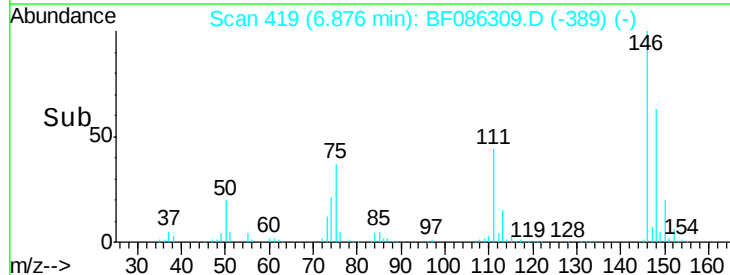
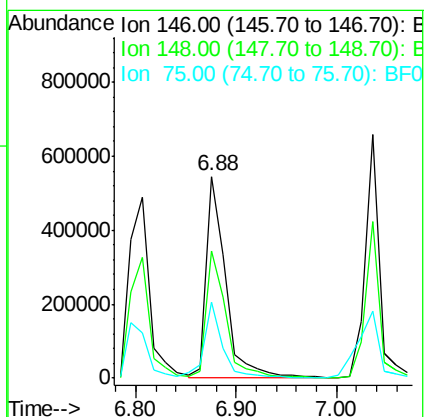
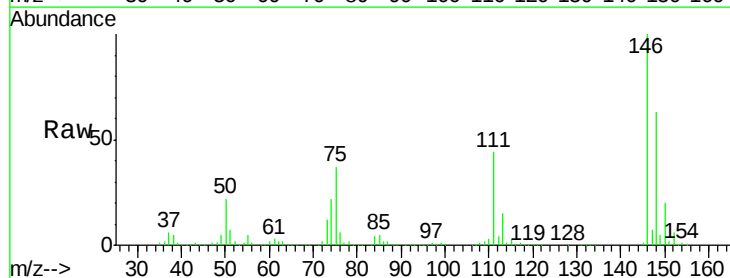
Tgt Ion: 146 Resp: 718078

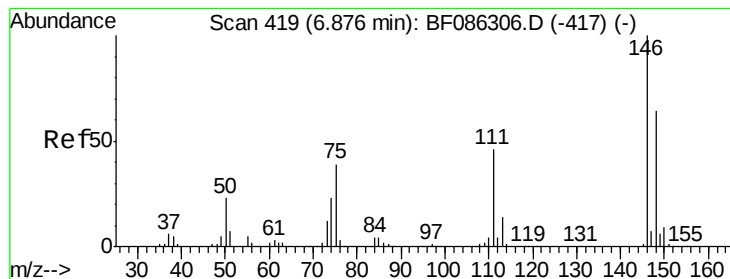
Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.4

75 37.3 29.9 44.9





#13

1,4-Dichlorobenzene

Concen: 34.22 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

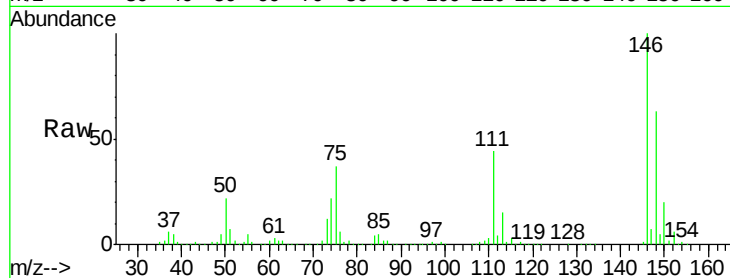
Tgt Ion:146 Resp: 727323

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

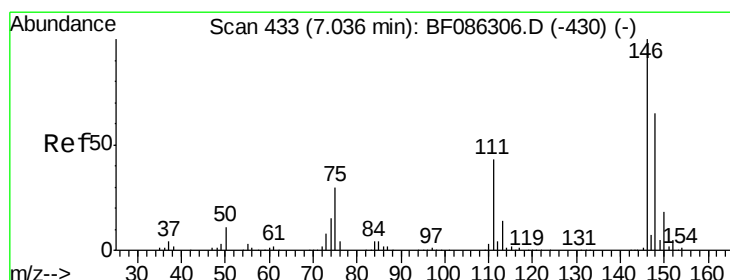
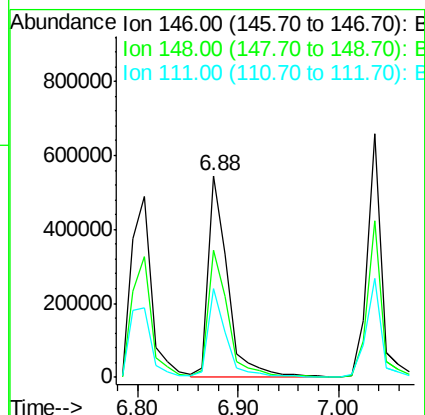
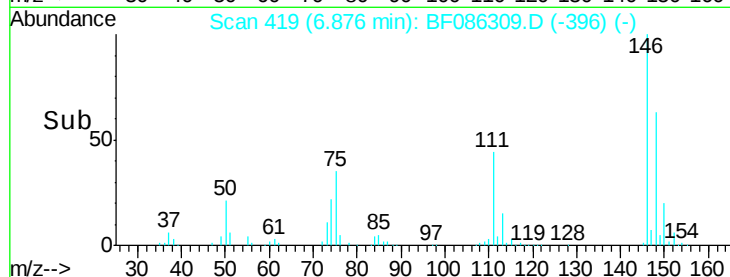
111 44.1 34.9 52.3



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: 35.17 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

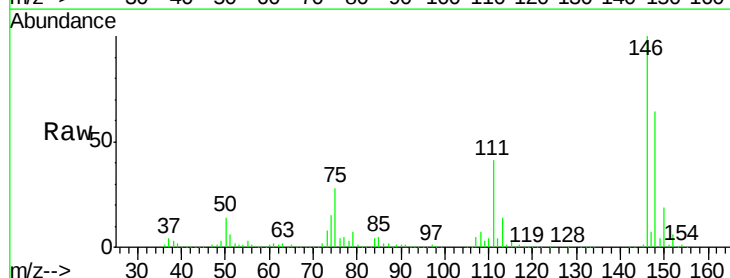
Tgt Ion:146 Resp: 663210

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

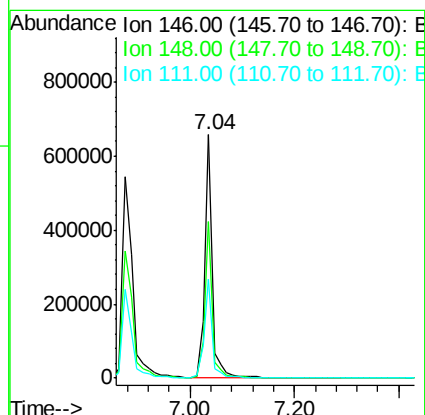
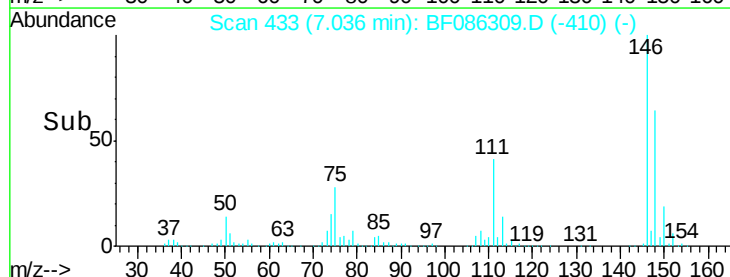
111 40.7 31.0 46.4

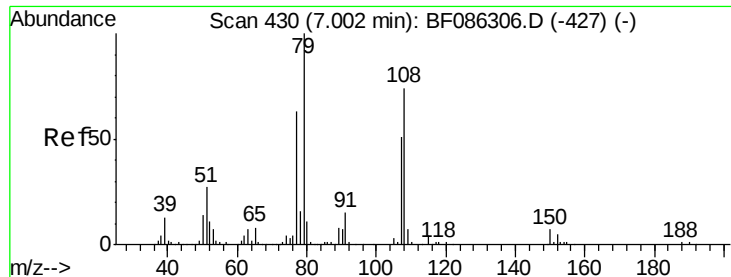


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.80 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

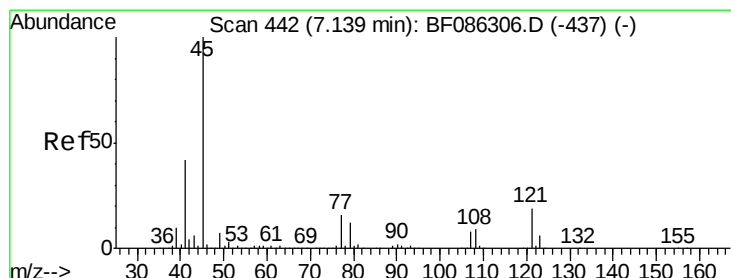
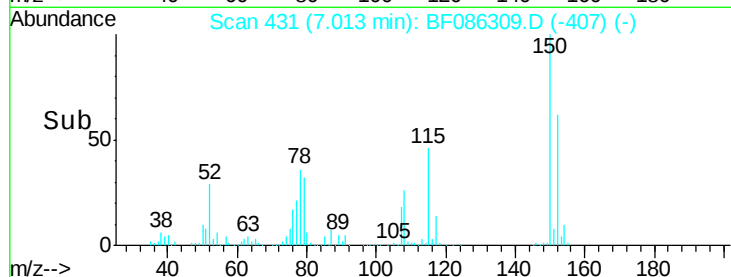
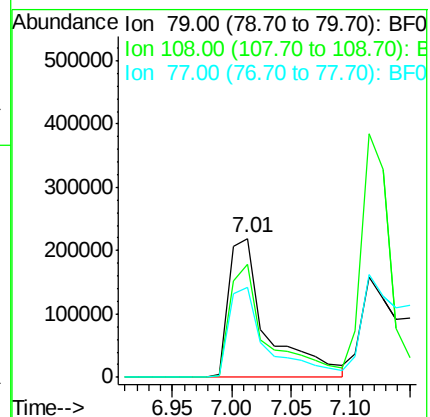
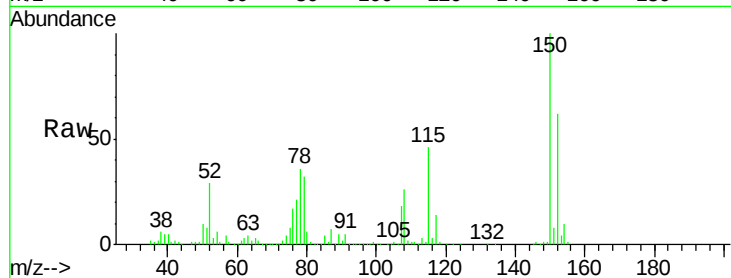
Tgt Ion: 79 Resp: 493929

Ion Ratio Lower Upper

79 100

108 81.0 64.8 97.2

77 64.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.00 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

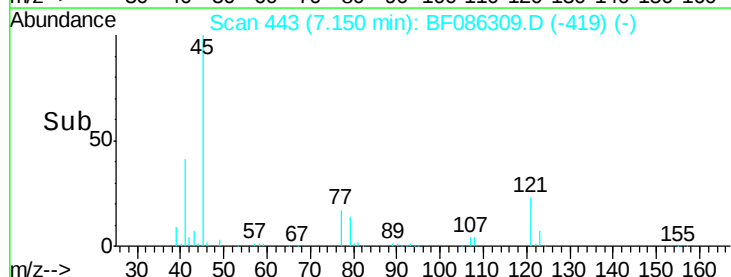
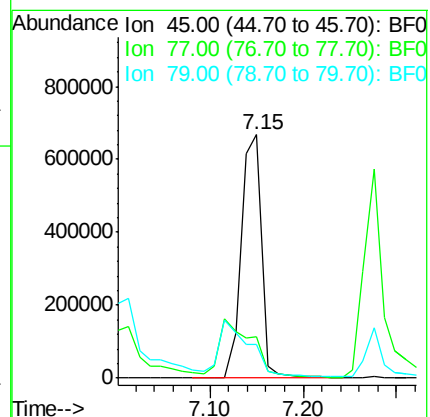
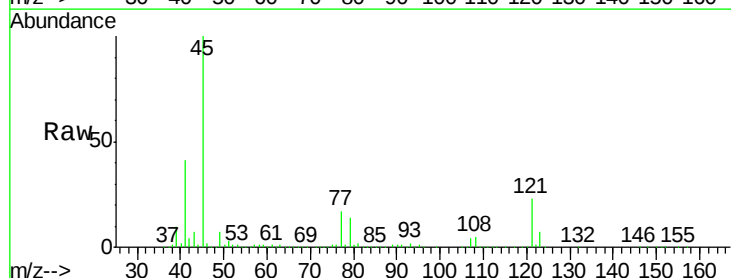
Tgt Ion: 45 Resp: 1012820

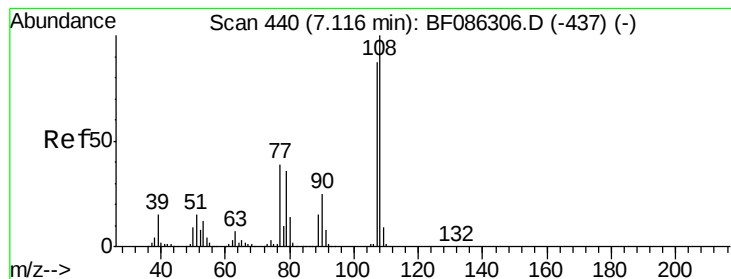
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.7

79 14.0 0.0 30.1





#17

2-Methylphenol

Concen: 37.58 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tgt Ion:107 Resp: 569503

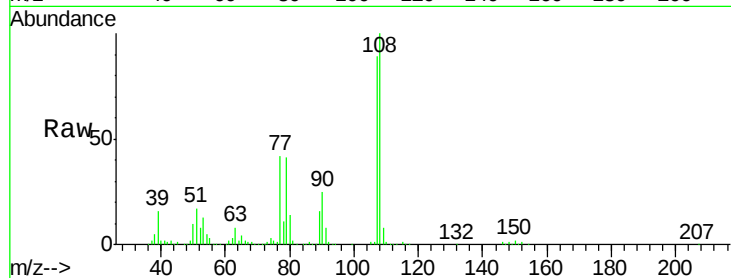
Ion Ratio Lower Upper

107 100

108 112.6 92.7 139.1

77 47.3 39.6 59.4

79 46.4 37.4 56.2

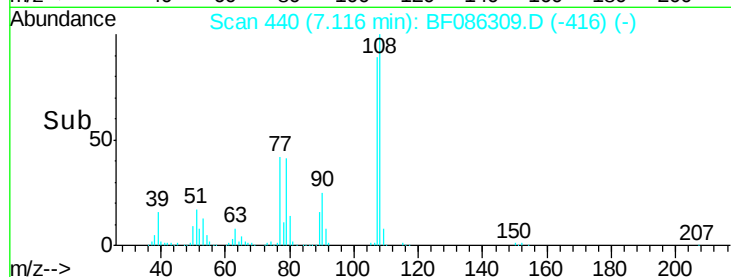


Abundance Ion 107.00 (106.70 to 107.70): E

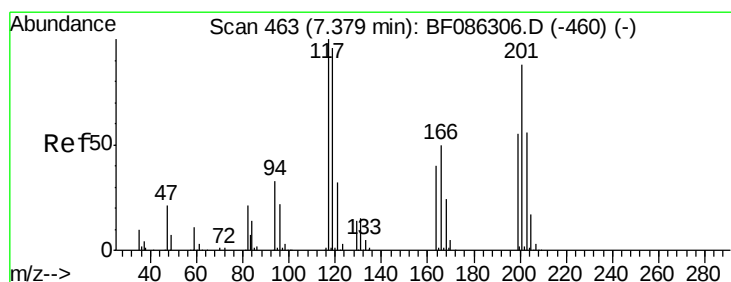
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 38.62 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

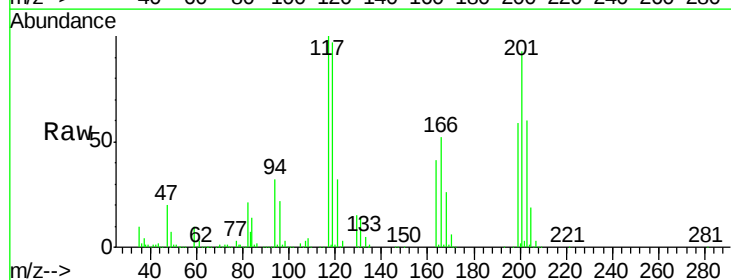
Tgt Ion:117 Resp: 244640

Ion Ratio Lower Upper

117 100

119 97.1 78.2 117.4

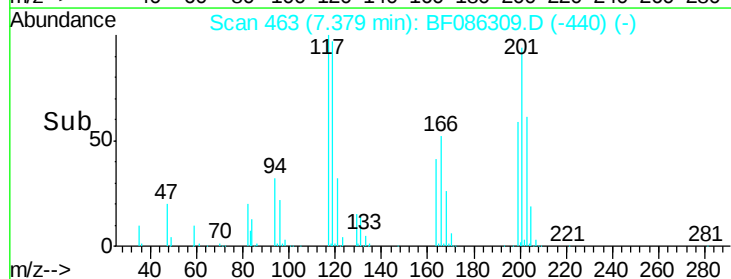
201 93.5 75.7 113.5



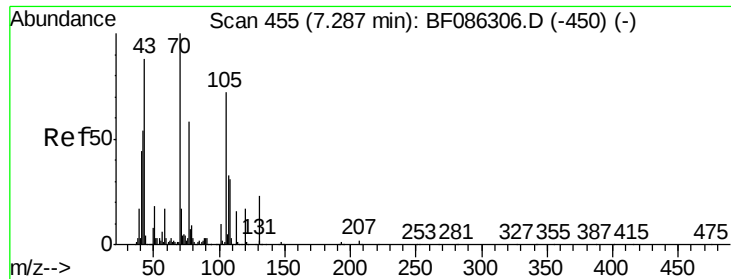
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



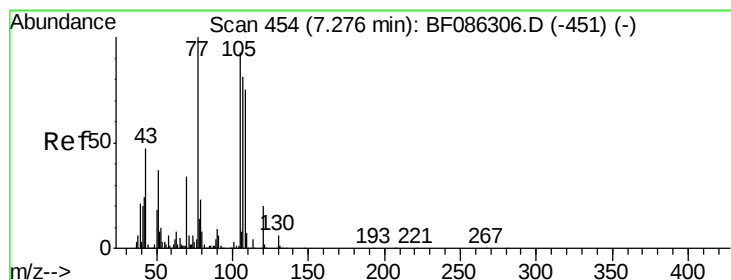
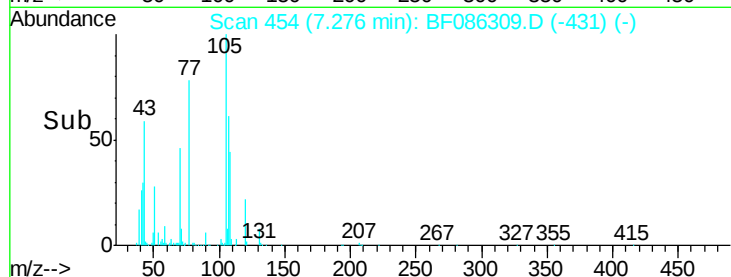
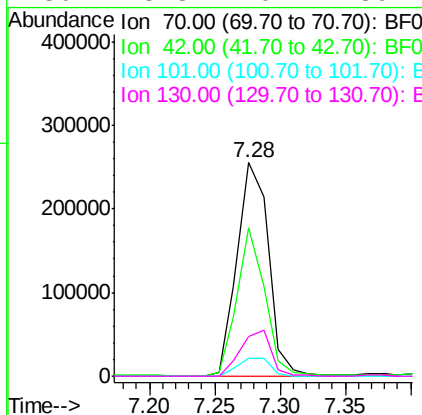
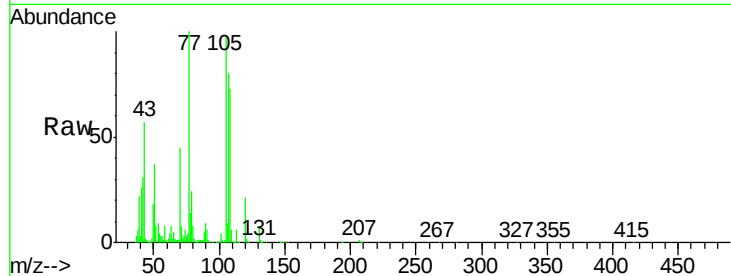
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 35.62 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

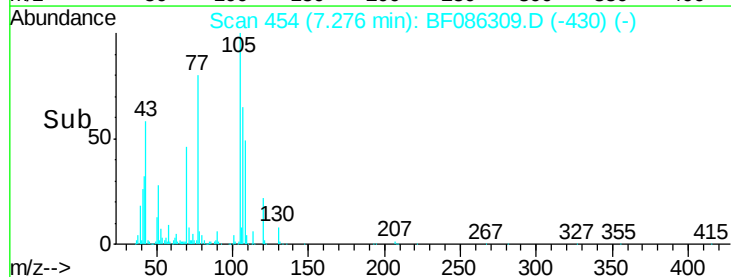
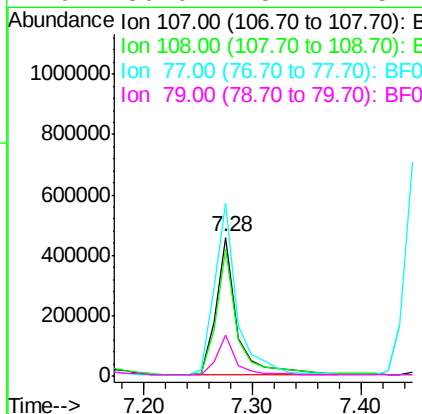
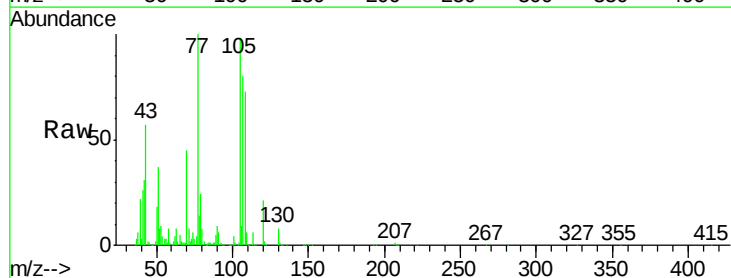
Instrument :
BNA_F
ClientSampleId :
PB89915BS

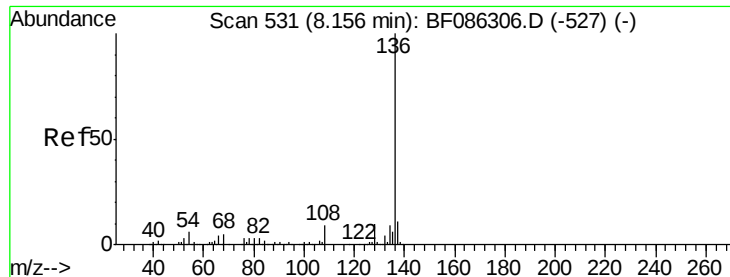
Tgt Ion:	70	Resp:	430997
Ion	Ratio	Lower	Upper
70	100		
42	69.3	43.0	64.4#
101	8.3	8.1	12.1
130	18.3	20.1	30.1#



#20
3+4-Methylphenols
Concen: 38.03 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion:	107	Resp:	625040
Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.7	109.7
77	124.9	60.5	100.5#
79	30.0	8.1	48.1

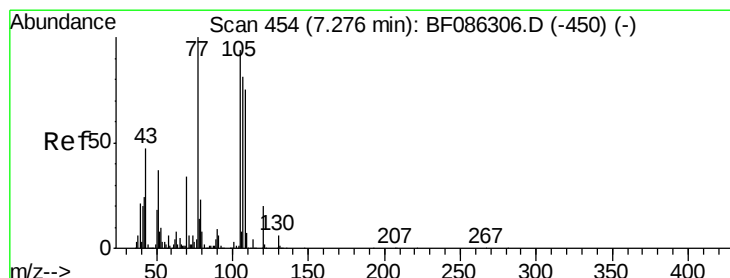
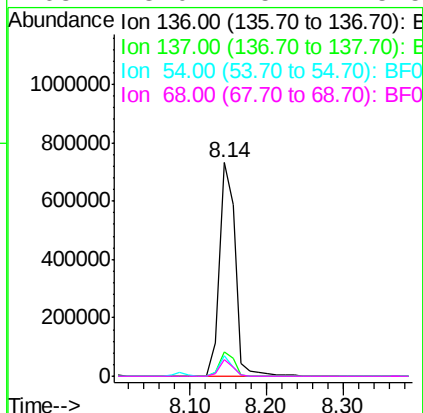
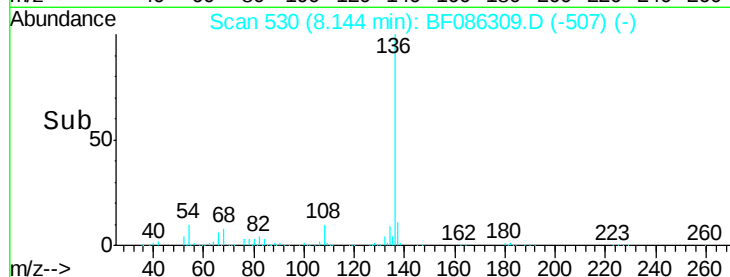
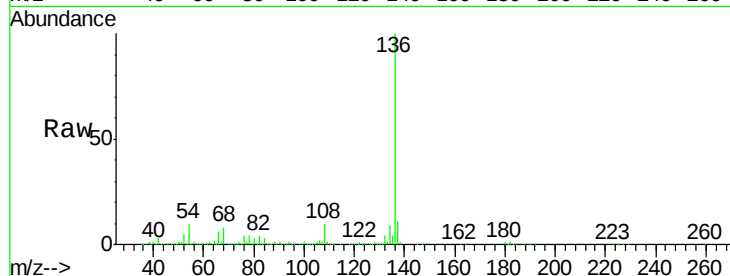




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

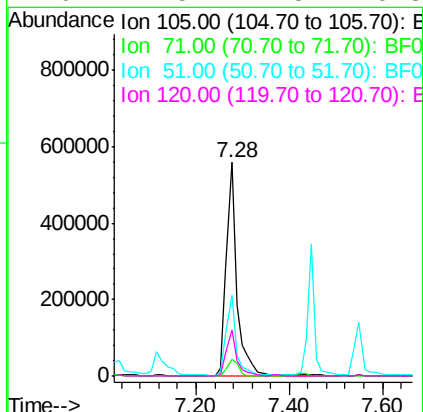
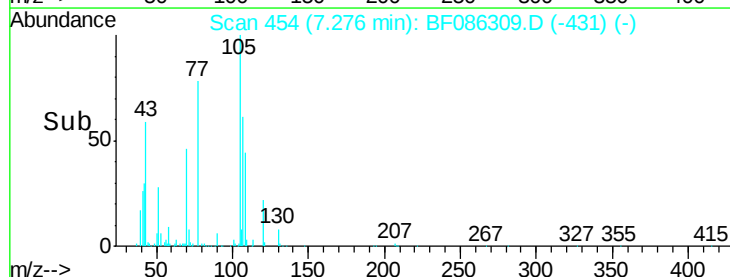
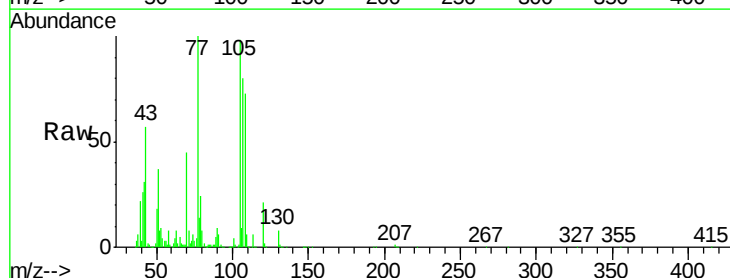
Instrument :
BNA_F
ClientSampled :
PB89915BS

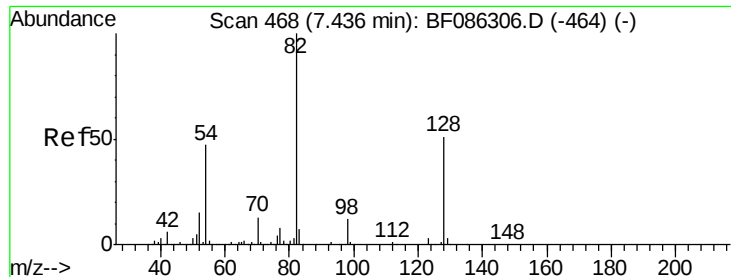
Tgt Ion:	136	Resp:	1056049
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.9	7.3	10.9
68	8.0	5.7	8.5



#22
Acetophenone
Concen: 39.18 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion:	105	Resp:	869065
Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.0	6.0#
51	37.9	22.0	33.0#
120	21.5	17.5	26.3

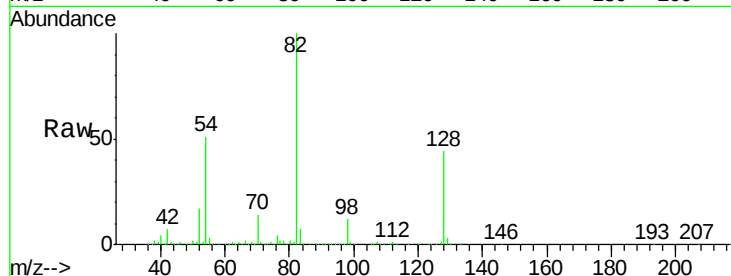




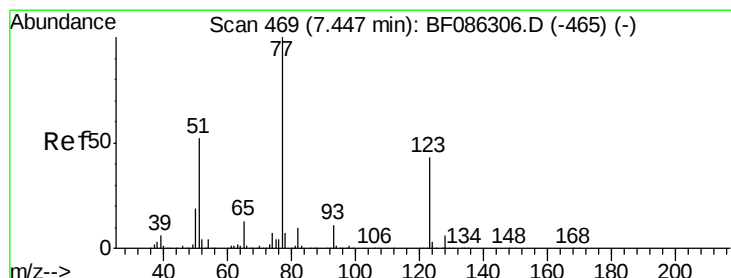
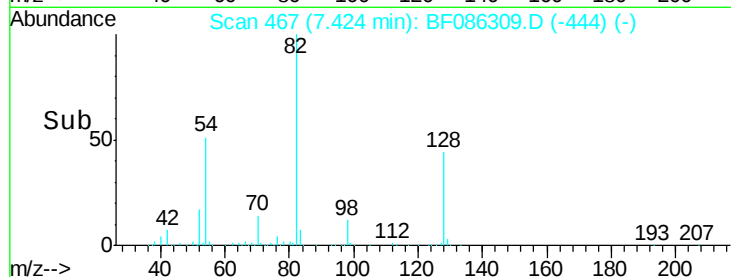
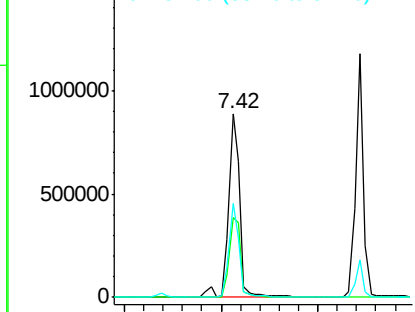
#23
 Nitrobenzene-d5
 Concen: 77.42 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tgt Ion: 82 Resp: 1427514
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.4 53.2
 54 51.3 43.4 65.0

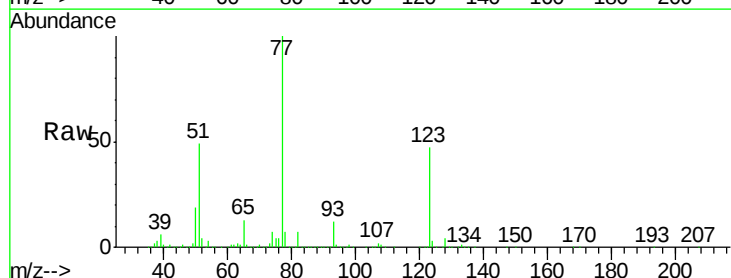


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

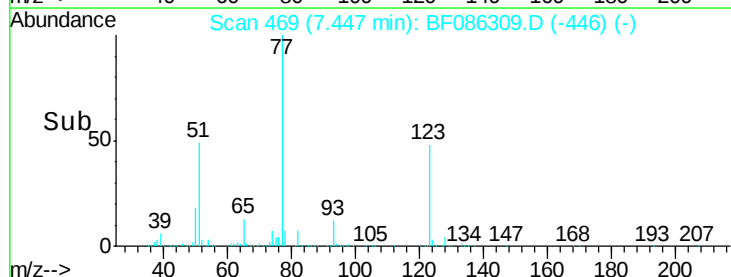
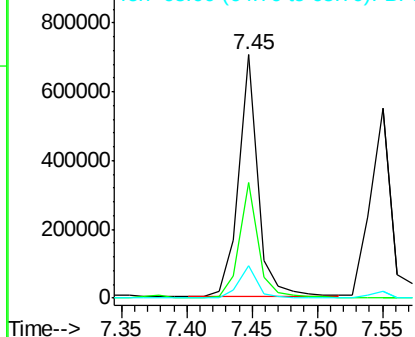


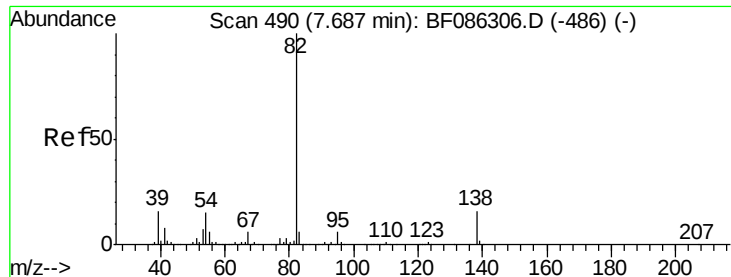
#24
 Nitrobenzene
 Concen: 36.27 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion: 77 Resp: 715430
 Ion Ratio Lower Upper
 77 100
 123 47.3 38.3 57.5
 65 13.1 11.3 16.9



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





#25

Isophorone

Concen: 37.24 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

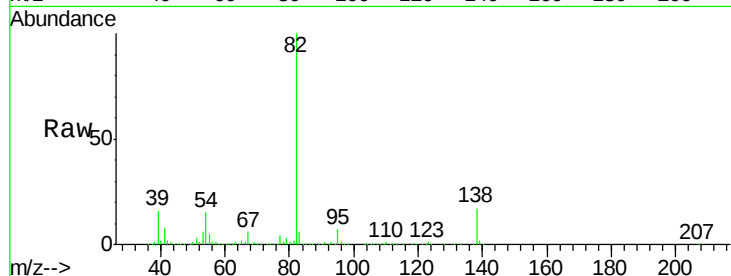
Tgt Ion: 82 Resp: 1300918

Ion Ratio Lower Upper

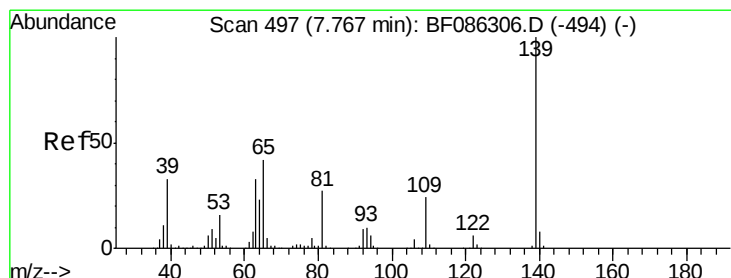
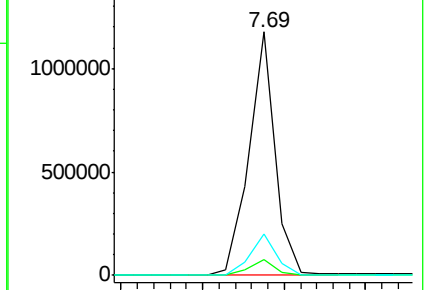
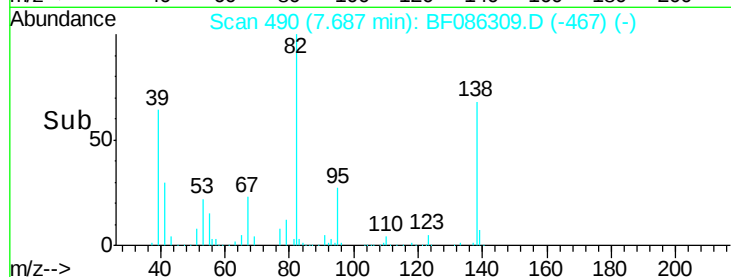
82 100

95 6.6 5.4 8.2

138 16.9 13.4 20.2



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



#26

2-Nitrophenol

Concen: 42.51 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

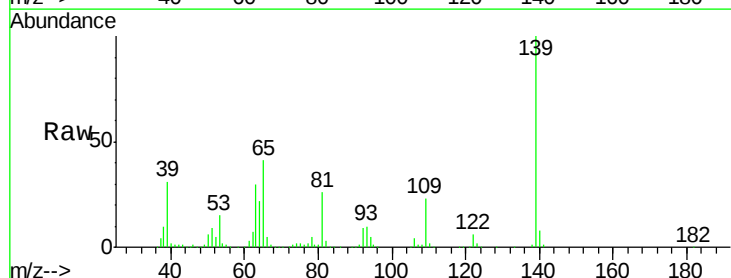
Tgt Ion: 139 Resp: 375063

Ion Ratio Lower Upper

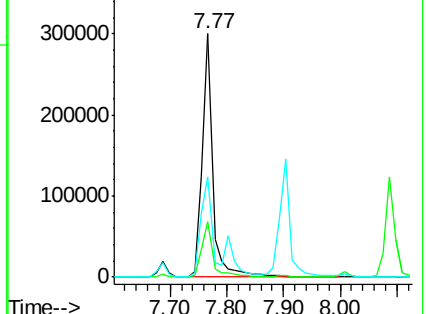
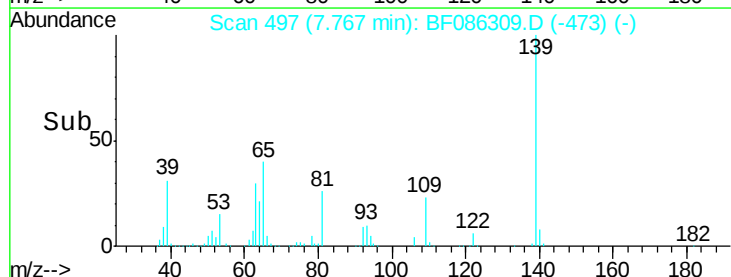
139 100

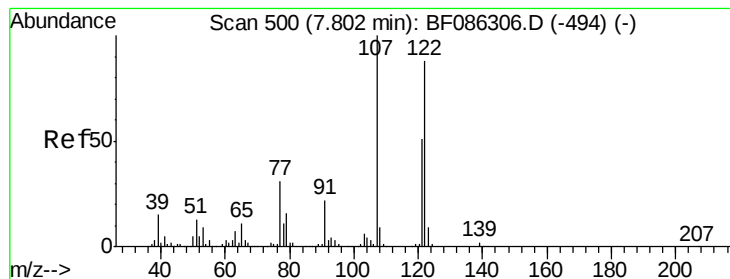
109 22.8 25.8 38.8#

65 41.0 50.2 75.2#



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





#27

2,4-Dimethylphenol

Concen: 38.33 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

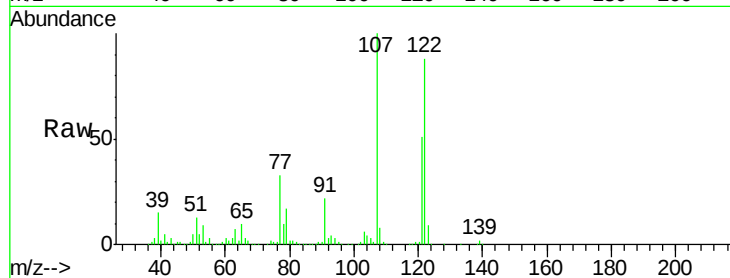
Tgt Ion:122 Resp: 663243

Ion Ratio Lower Upper

122 100

107 113.1 85.8 128.6

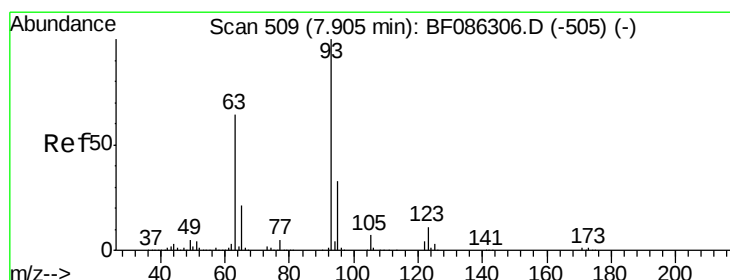
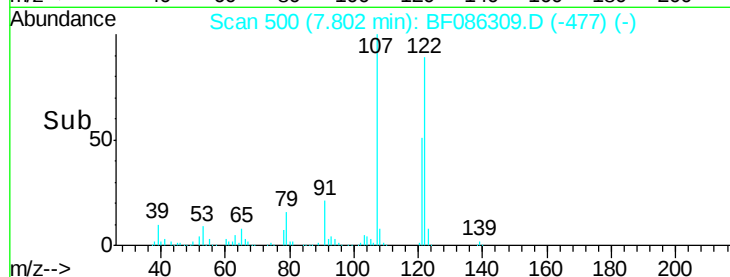
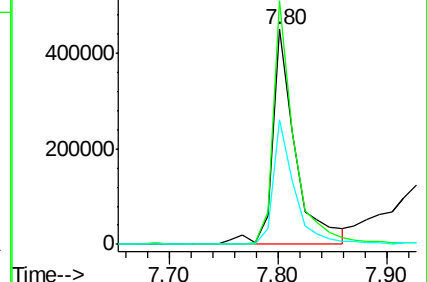
121 57.9 47.1 70.7



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: 41.55 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

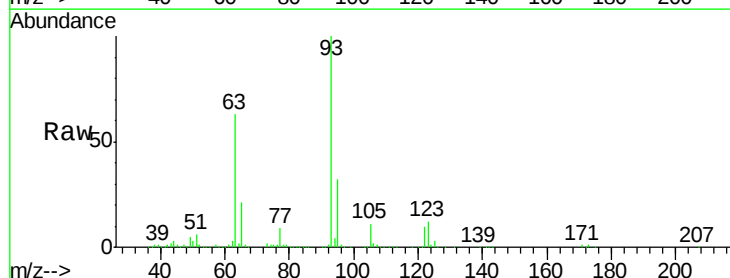
Tgt Ion: 93 Resp: 848946

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

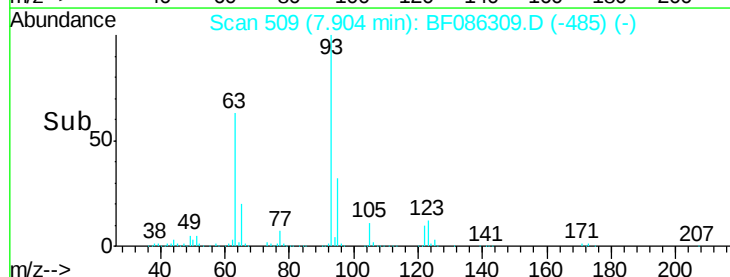
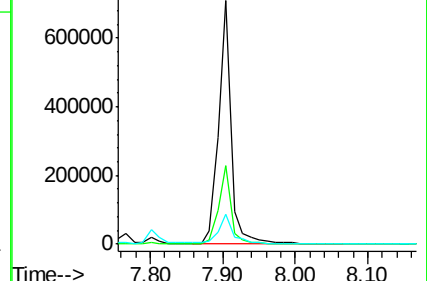
123 12.1 8.9 13.3

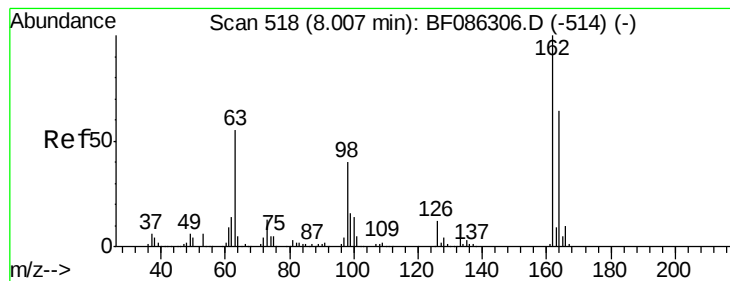


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.26 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

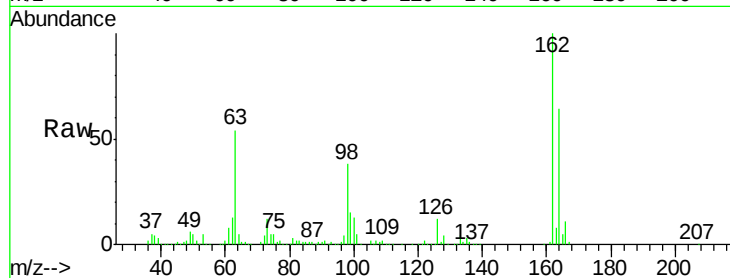
Tgt Ion:162 Resp: 563069

Ion Ratio Lower Upper

162 100

164 63.6 43.3 83.3

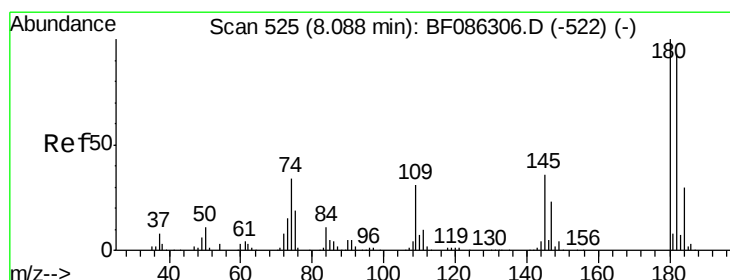
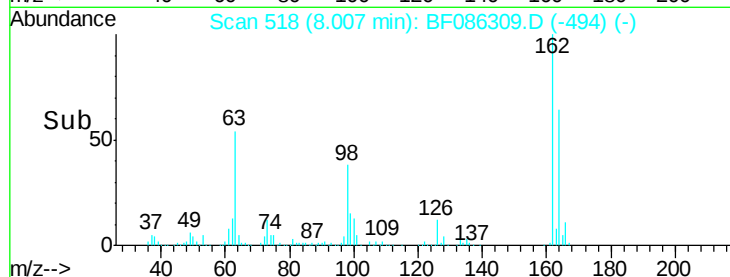
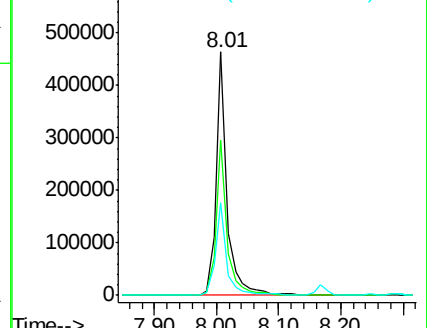
98 38.3 22.9 62.9



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: 37.76 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

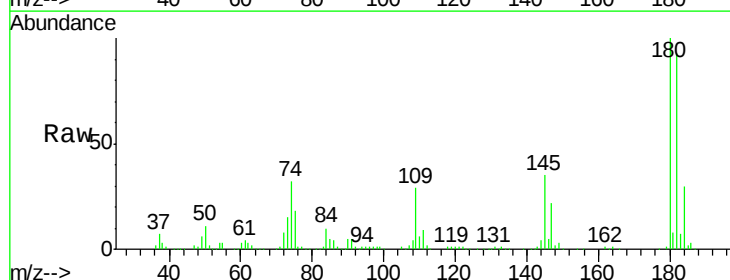
Tgt Ion:180 Resp: 555955

Ion Ratio Lower Upper

180 100

182 92.6 76.3 114.5

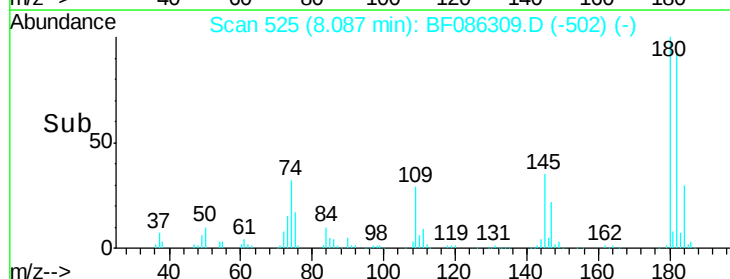
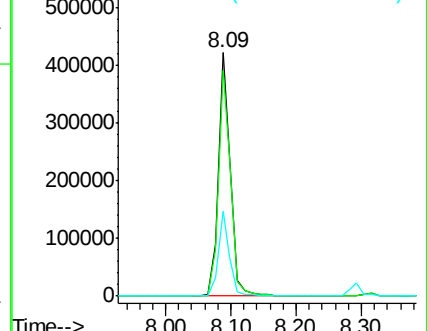
145 35.0 27.4 41.2

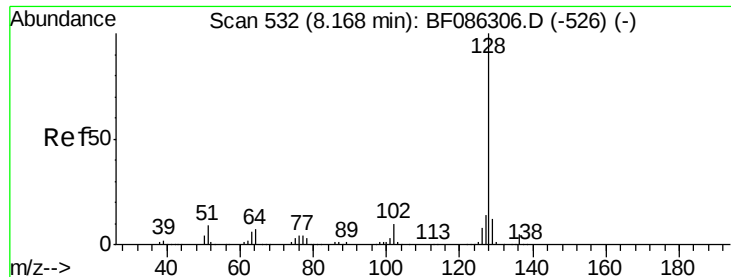


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

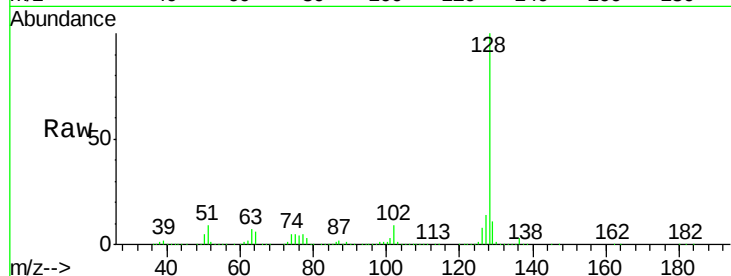




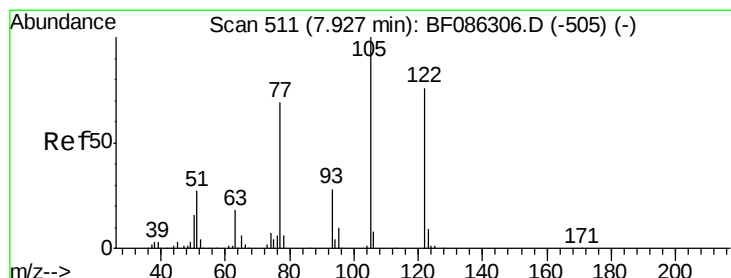
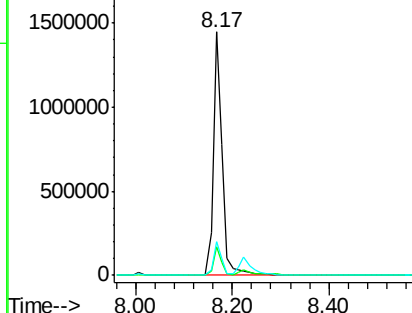
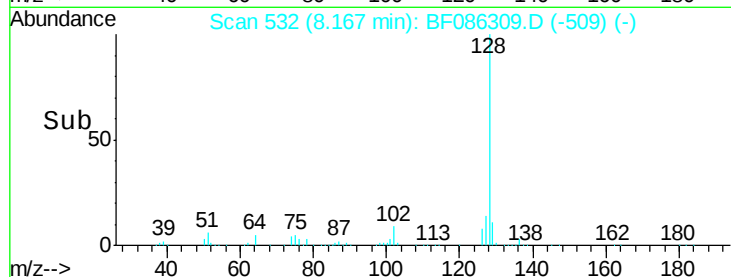
#31
Naphthalene
Concen: 37.52 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tgt Ion:128 Resp: 1888851
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.7 11.4 17.2

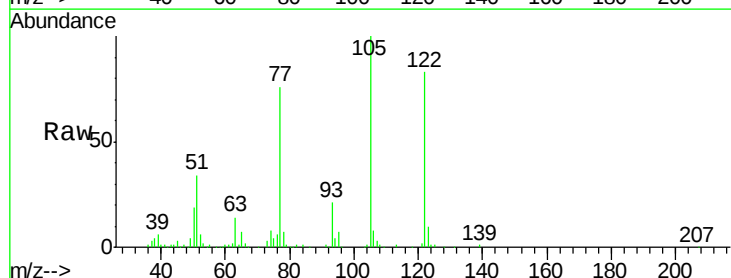


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

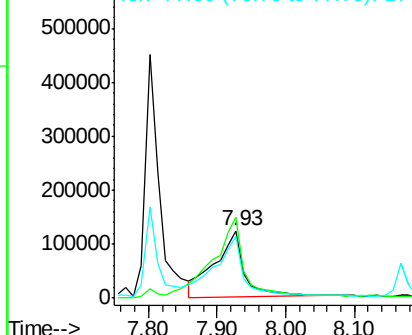
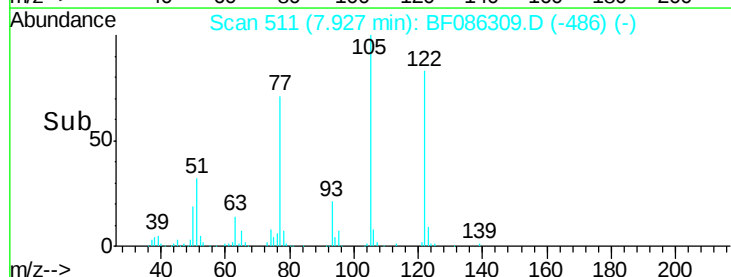


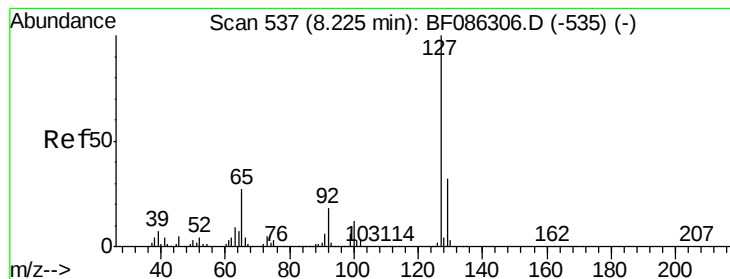
#32
Benzoic acid
Concen: 36.09 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion:122 Resp: 371155
Ion Ratio Lower Upper
122 100
105 120.5 103.7 143.7
77 92.2 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: 10.30 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tgt Ion:127 Resp: 214548

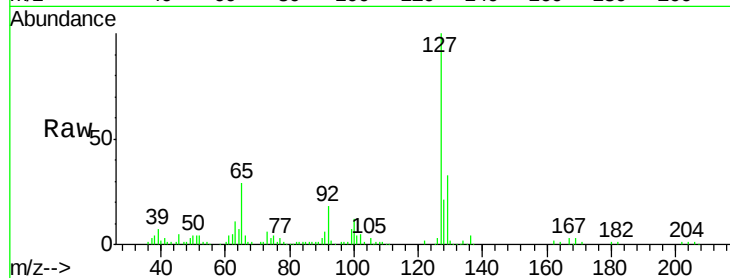
Ion Ratio Lower Upper

127 100

129 32.6 26.8 40.2

65 29.2 27.1 40.7

92 17.8 16.2 24.2

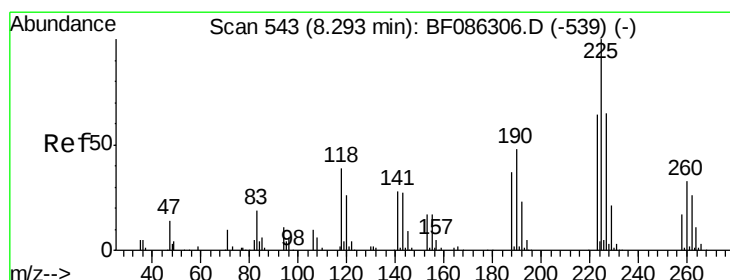
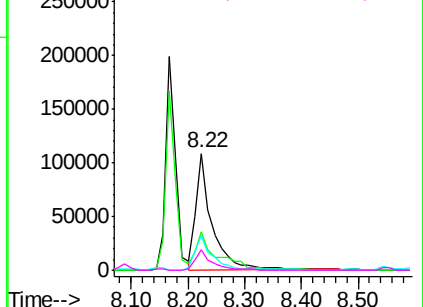
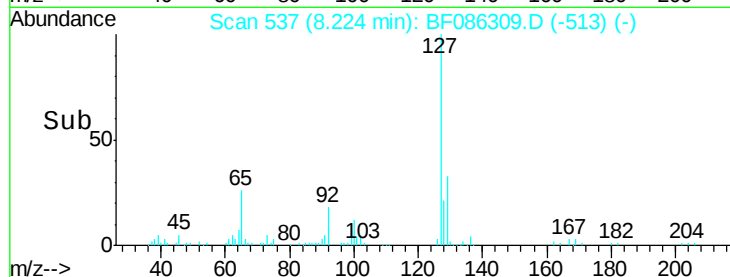


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.37 ng

RT: 8.29 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

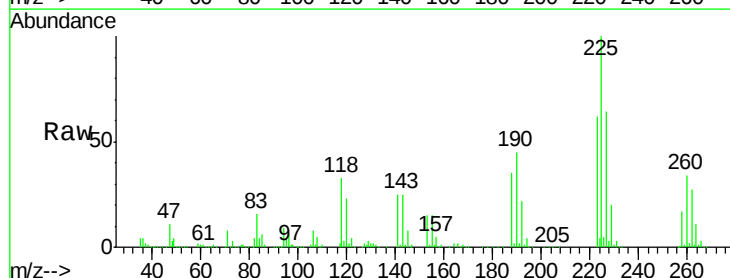
Tgt Ion:225 Resp: 277258

Ion Ratio Lower Upper

225 100

223 62.4 49.4 74.0

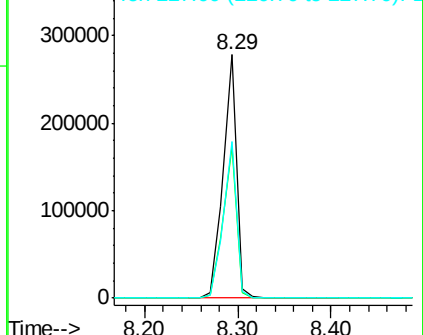
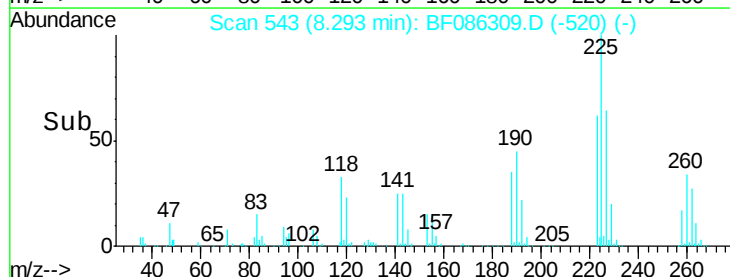
227 64.5 51.1 76.7

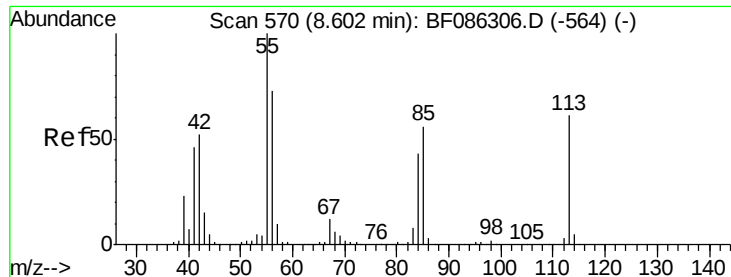


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.08 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

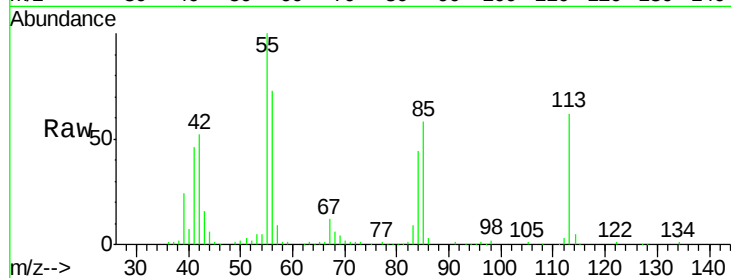
Tgt Ion:113 Resp: 185960

Ion Ratio Lower Upper

113 100

55 160.6 117.5 157.5#

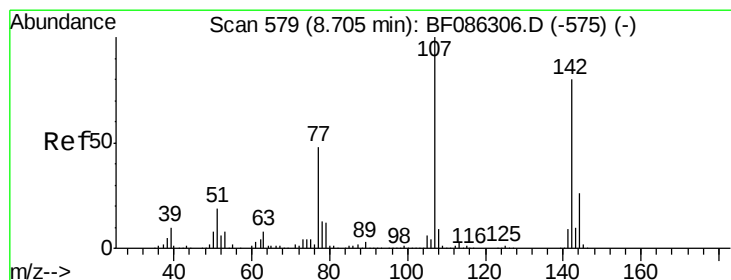
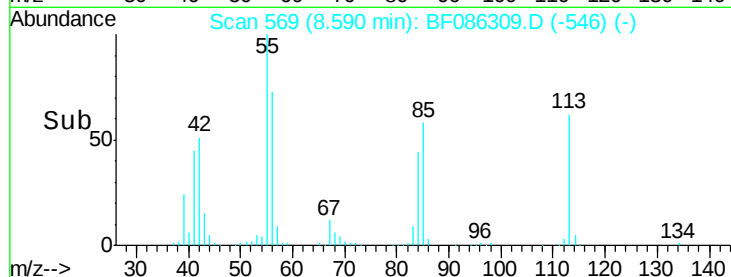
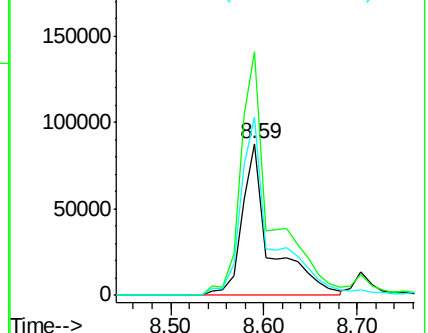
56 117.6 82.5 122.5



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: 38.66 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

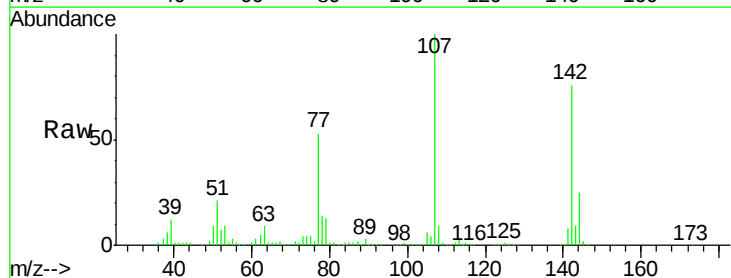
Tgt Ion:107 Resp: 593189

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

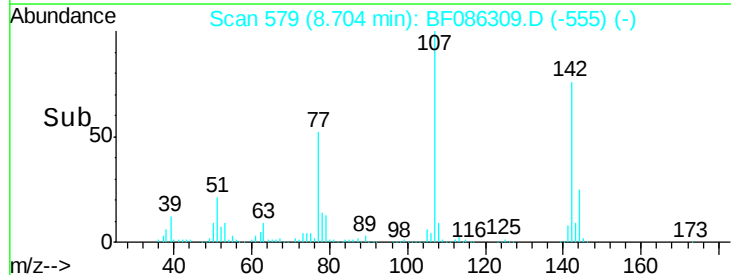
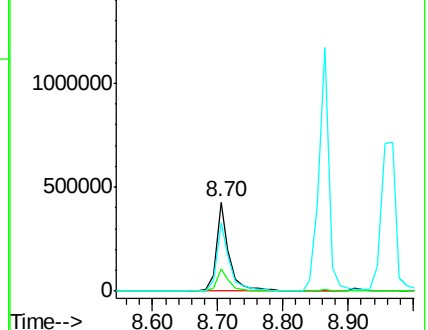
142 76.2 64.5 96.7

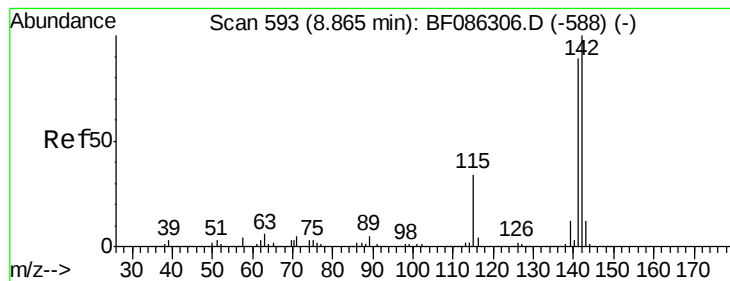


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.79 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

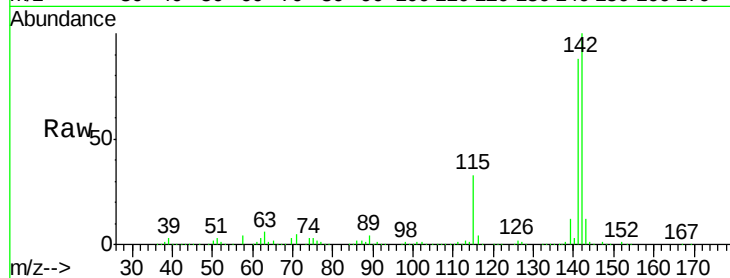
Tgt Ion:142 Resp: 1236963

Ion Ratio Lower Upper

142 100

141 88.0 71.1 106.7

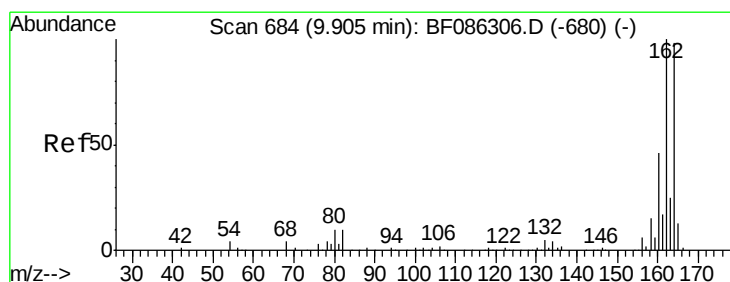
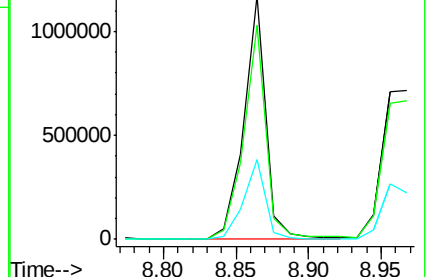
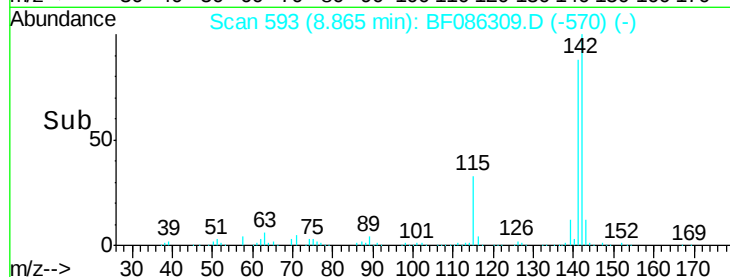
115 33.0 25.1 37.7



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: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

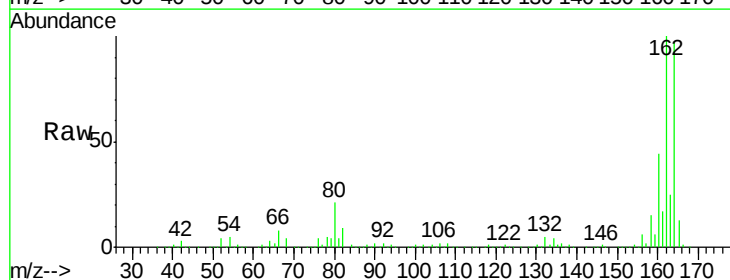
Tgt Ion:164 Resp: 479637

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

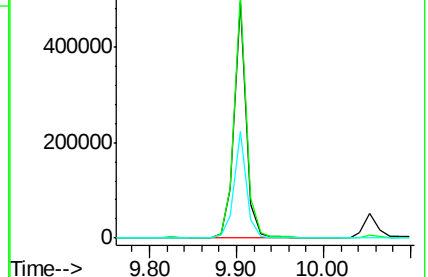
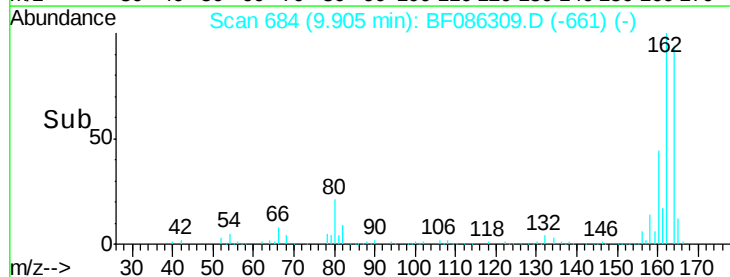
160 45.4 38.9 58.3

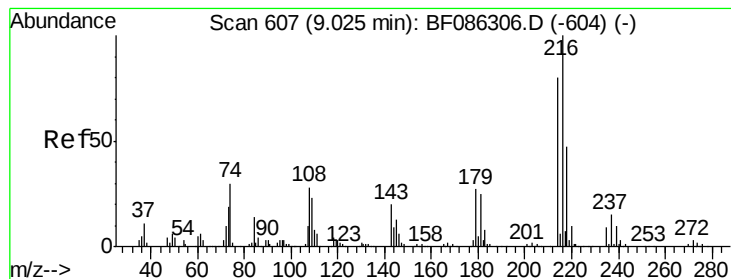


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.53 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

Tgt Ion:216 Resp: 453616

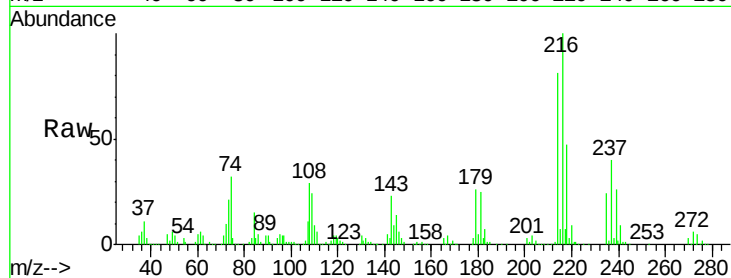
Ion Ratio Lower Upper

216 100

214 78.6 64.9 97.3

179 23.0 19.8 29.6

108 23.6 21.0 31.4

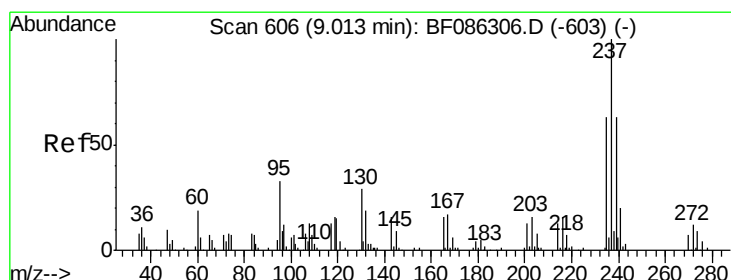
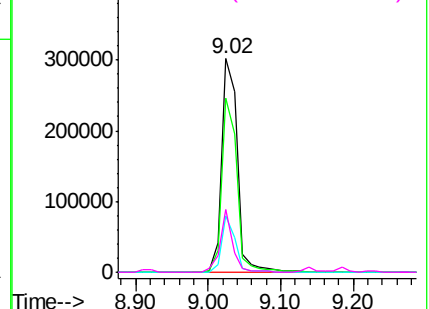
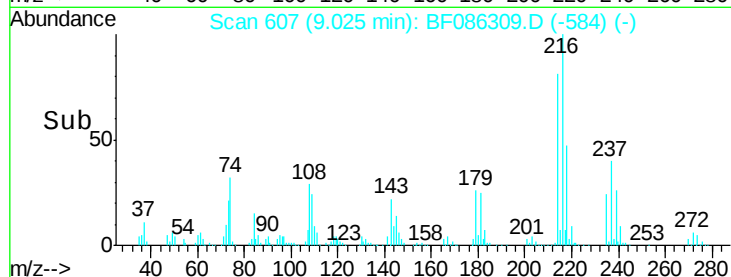


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.12 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

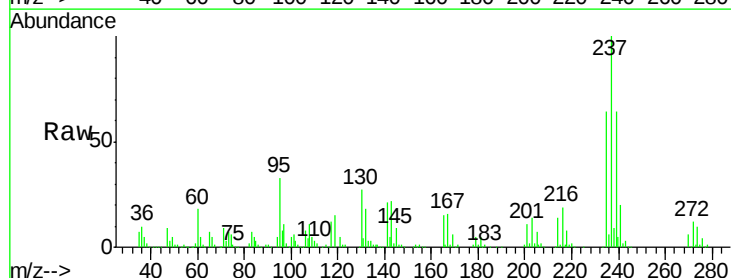
Tgt Ion:237 Resp: 273688

Ion Ratio Lower Upper

237 100

235 64.3 44.0 84.0

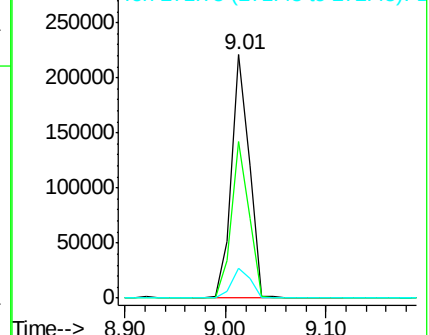
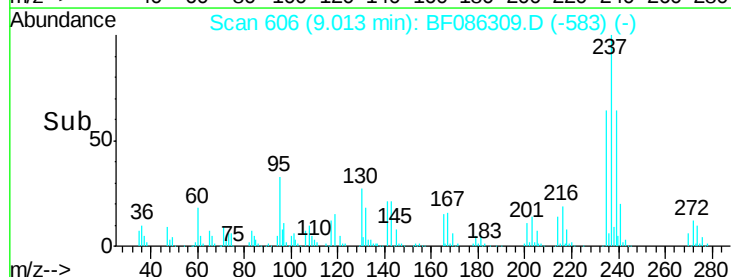
272 12.2 0.0 32.4

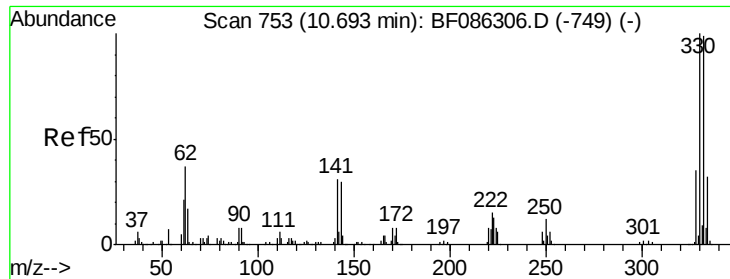


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

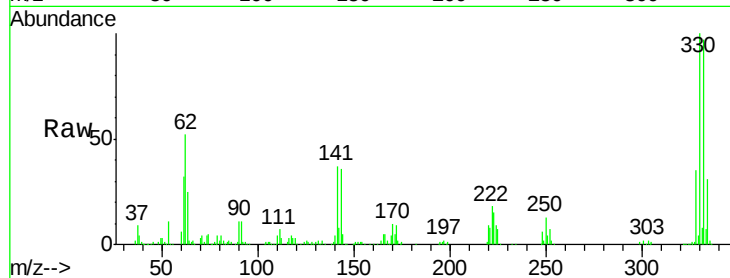




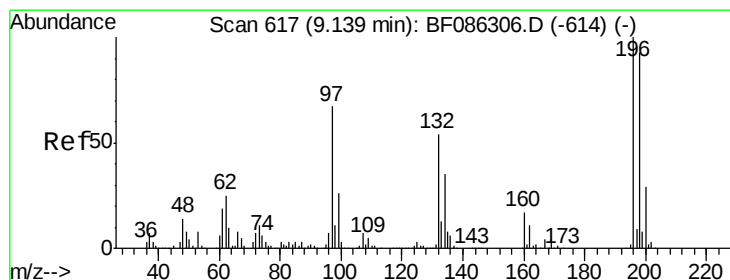
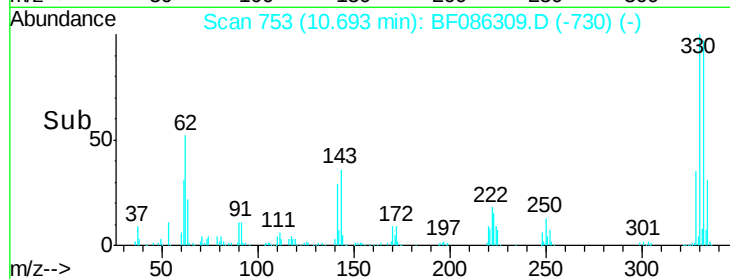
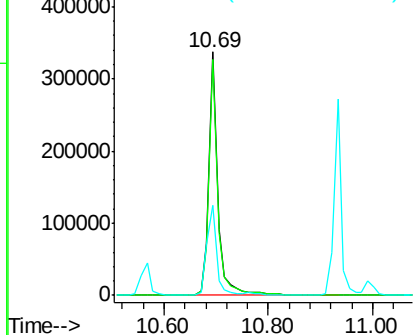
#41
 2,4,6-Tribromophenol
 Concen: 107.83 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tgt Ion:330 Resp: 403099
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.7 118.1
 141 40.7 28.6 42.8

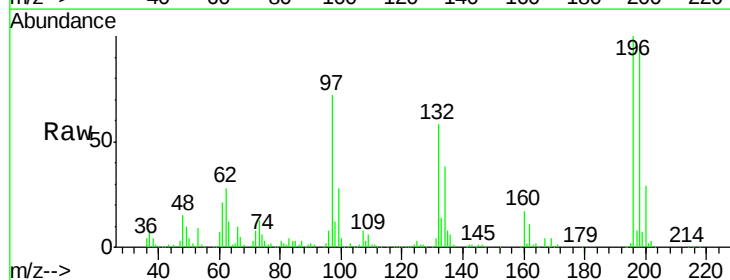


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

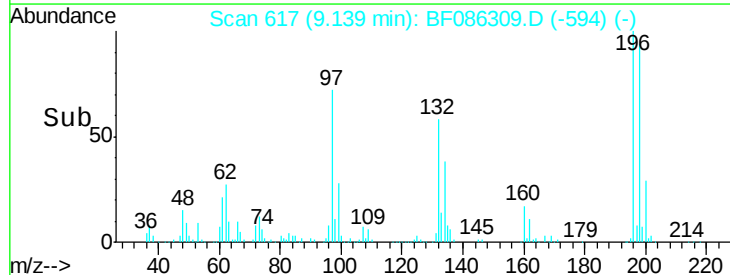
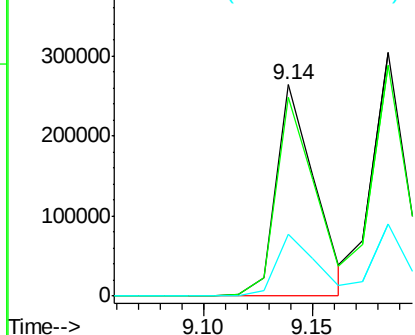


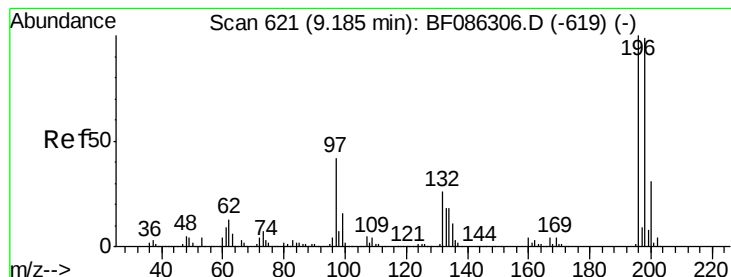
#42
 2,4,6-Trichlorophenol
 Concen: 37.20 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion:196 Resp: 329489
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.6 115.0
 200 29.5 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

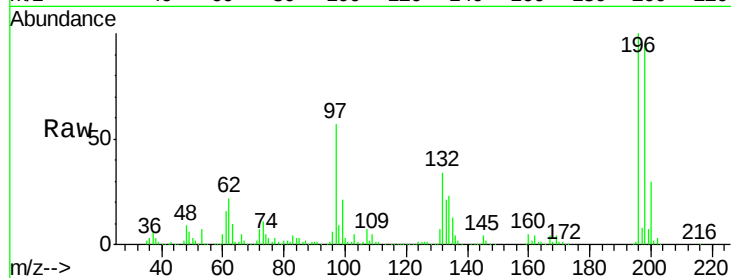




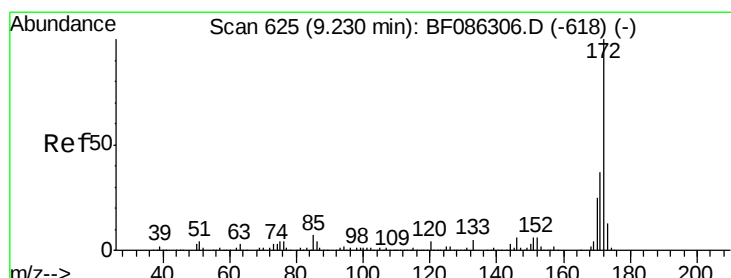
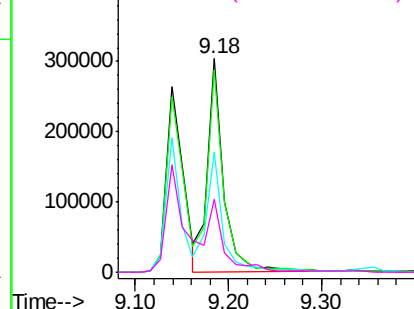
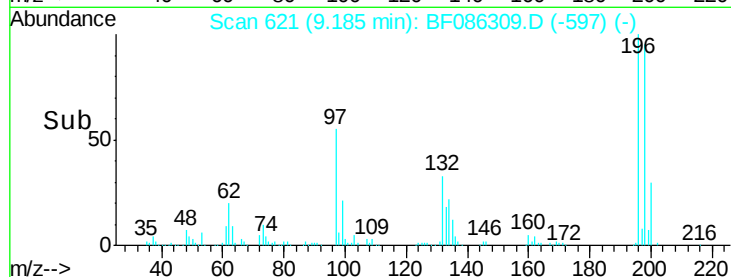
#43
 2,4,5-Trichlorophenol
 Concen: 37.89 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tgt Ion:196 Resp: 365456
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.7 116.5
 97 56.5 32.6 48.8#
 132 34.1 21.4 32.0#

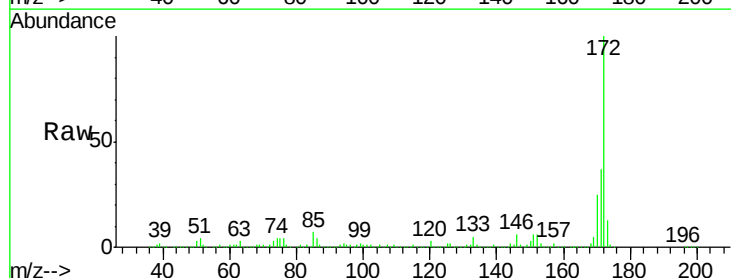


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

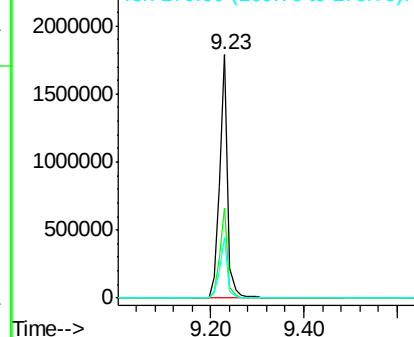
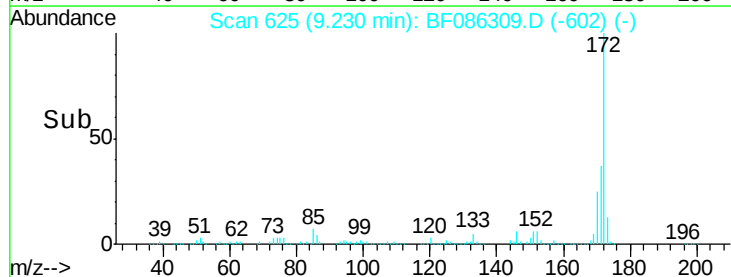


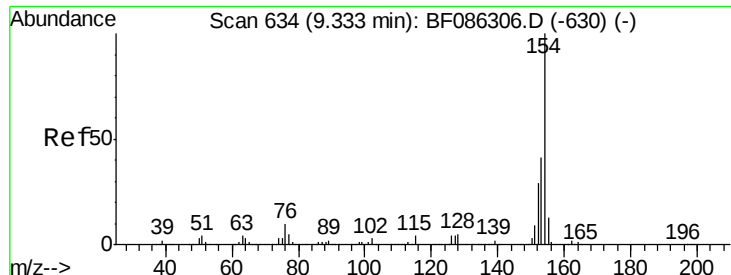
#44
 2-Fluorobiphenyl
 Concen: 85.43 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion:172 Resp: 2141149
 Ion Ratio Lower Upper
 172 100
 171 37.0 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

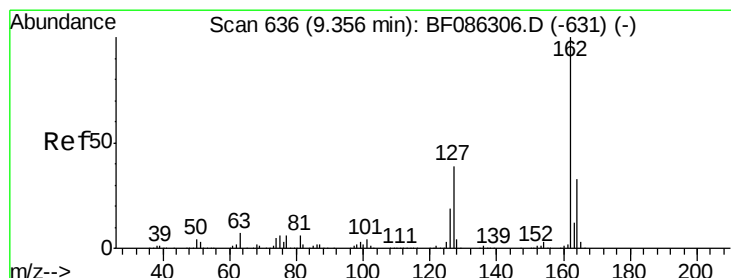
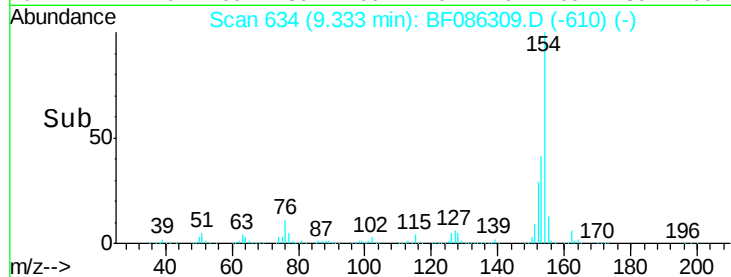
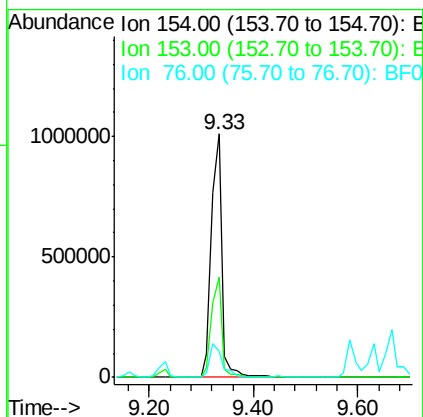
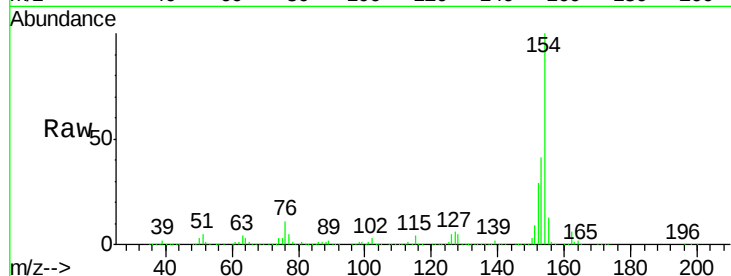




#45
 1,1'-Biphenyl
 Concen: 37.85 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

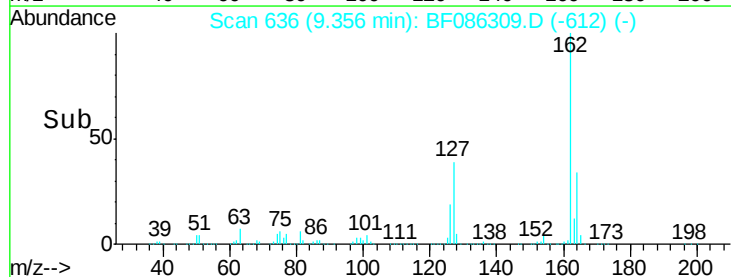
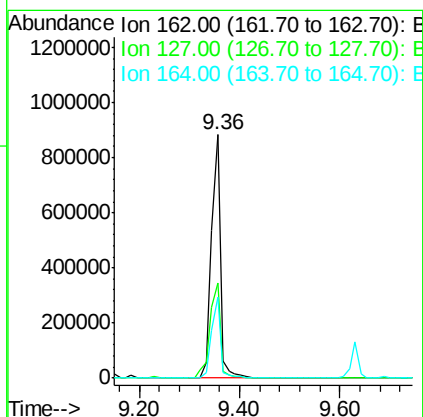
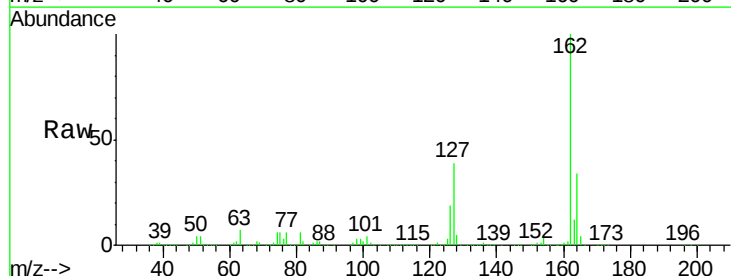
Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

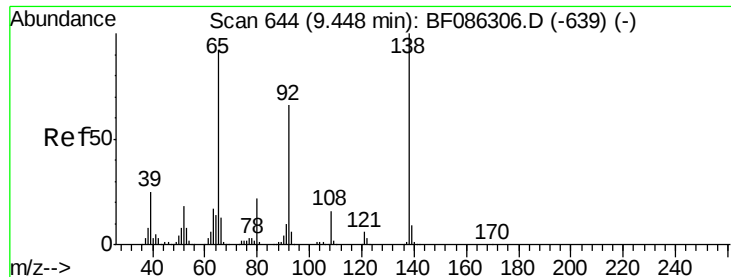
Tgt Ion:154 Resp: 1425602
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 10.8 0.0 36.4



#46
 2-Chloronaphthalene
 Concen: 39.04 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion:162 Resp: 1114335
 Ion Ratio Lower Upper
 162 100
 127 39.0 36.7 55.1
 164 33.5 26.4 39.6

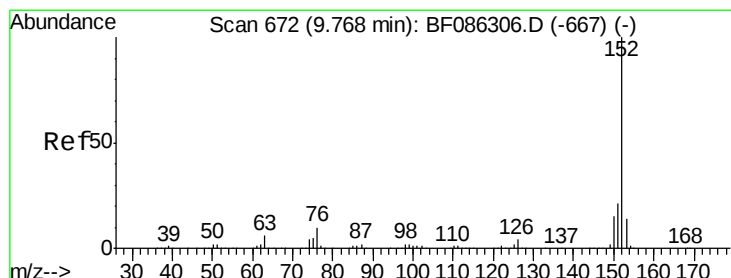
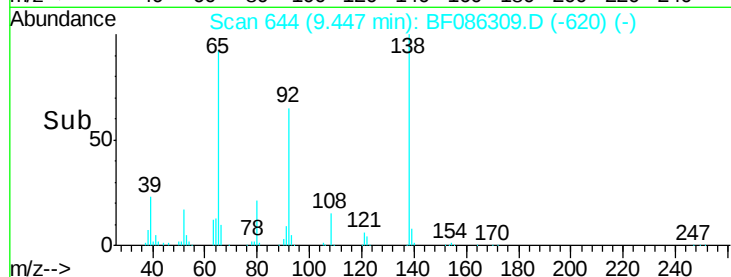
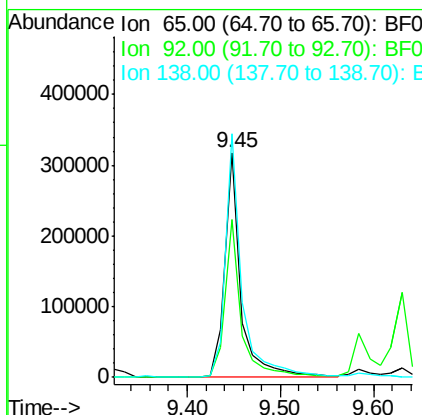
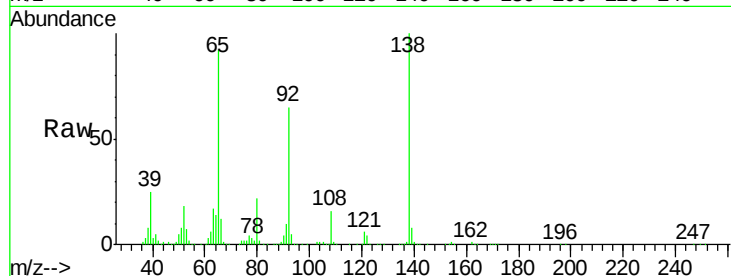




#47
2-Nitroaniline
Concen: 39.47 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

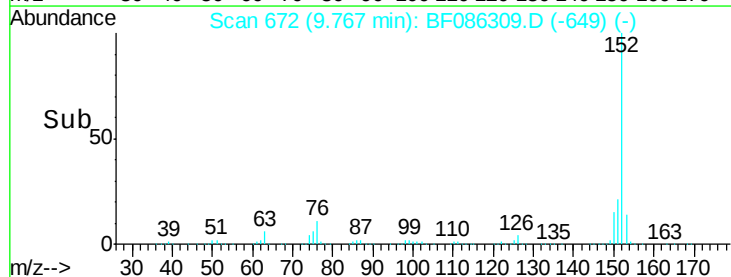
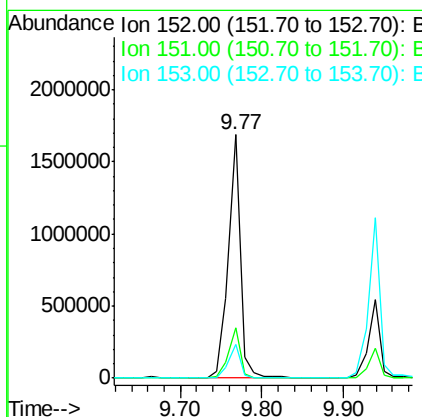
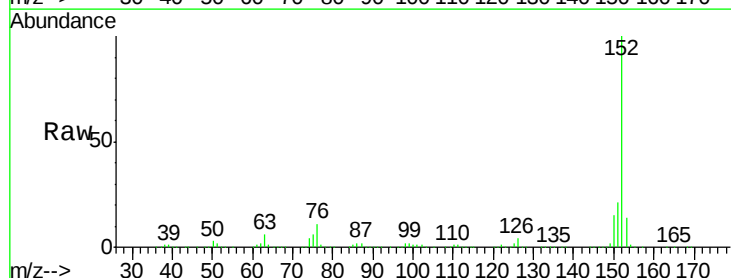
Instrument :
BNA_F
ClientSampleId :
PB89915BS

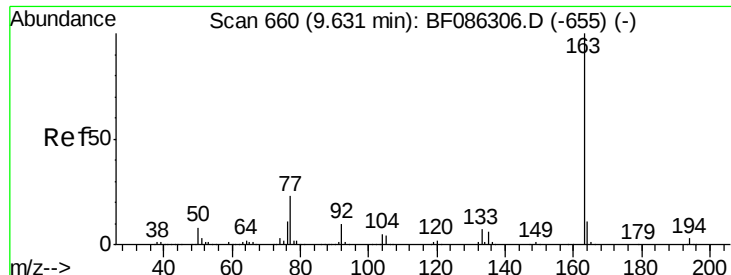
Tgt Ion: 65 Resp: 382880
Ion Ratio Lower Upper
65 100
92 70.1 51.9 77.9
138 108.2 72.6 108.8



#48
Acenaphthylene
Concen: 39.07 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion: 152 Resp: 1741550
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 13.7 10.7 16.1





#49

Dimethylphthalate

Concen: 36.40 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

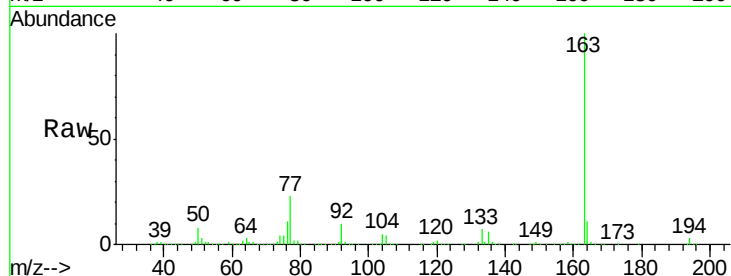
Tgt Ion:163 Resp: 1329153

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

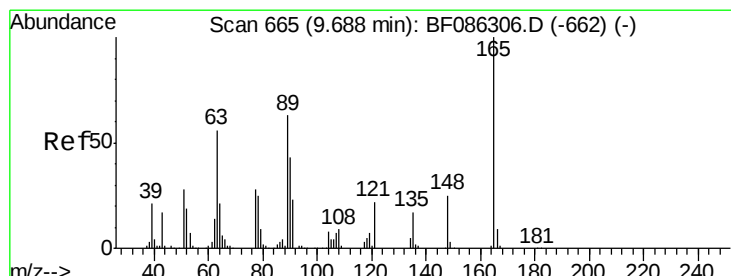
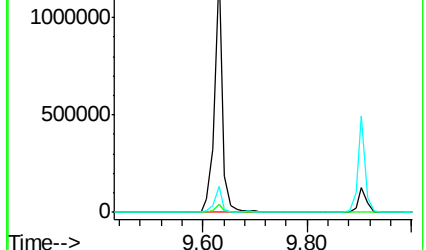
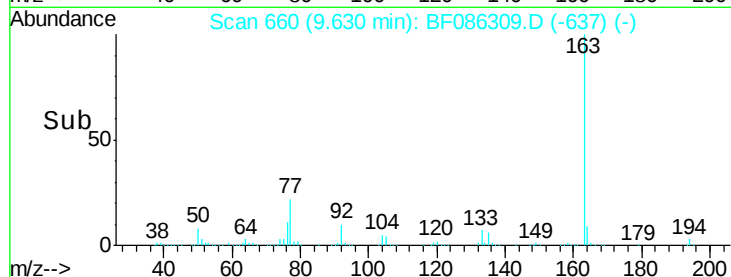
164 10.6 8.4 12.6



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: 37.29 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

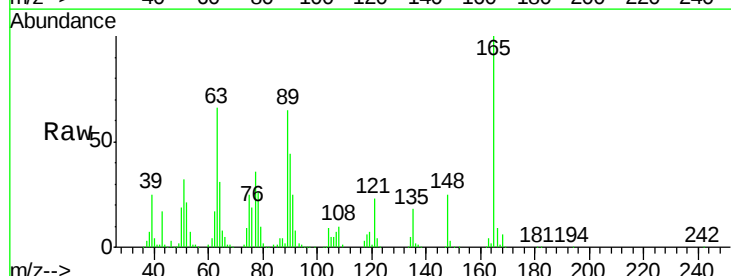
Tgt Ion:165 Resp: 280227

Ion Ratio Lower Upper

165 100

63 65.9 35.1 52.7#

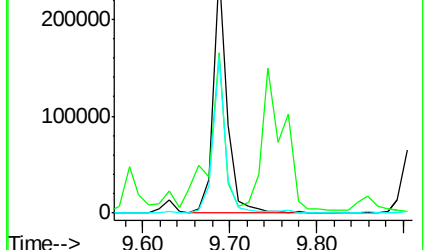
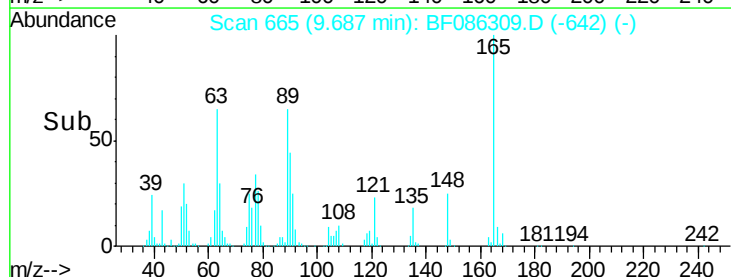
89 64.5 39.8 59.6#

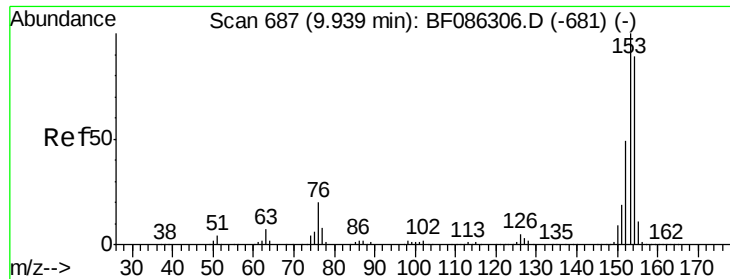


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.71 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

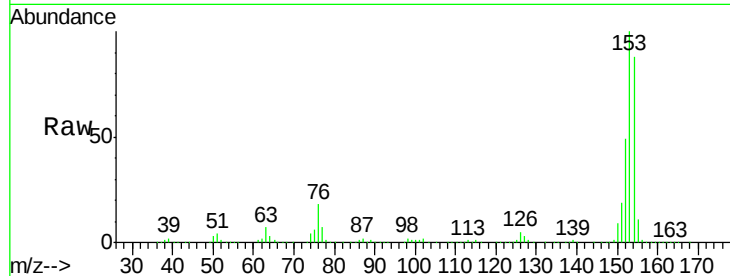
Tgt Ion:154 Resp: 1090718

Ion Ratio Lower Upper

154 100

153 113.9 90.0 135.0

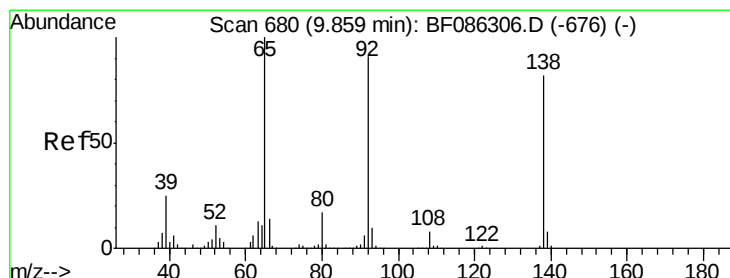
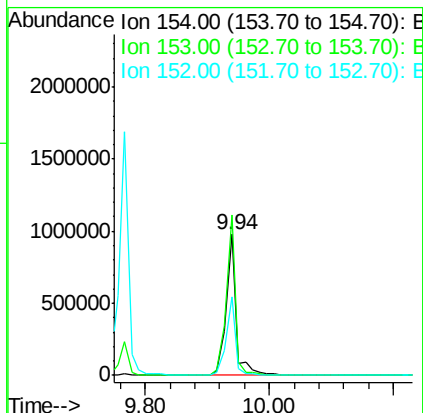
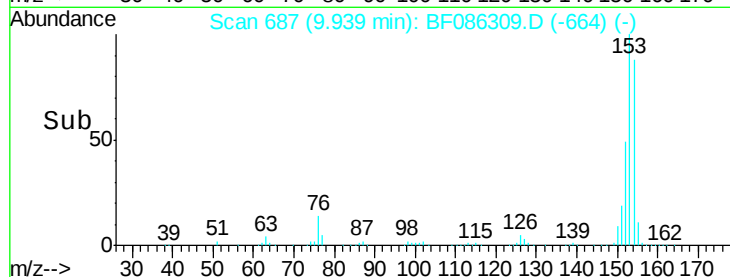
152 55.7 44.3 66.5



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: 16.52 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

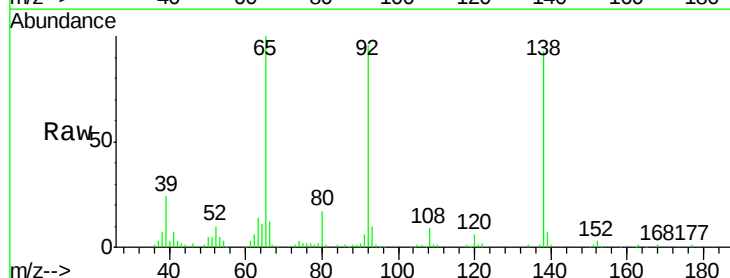
Tgt Ion:138 Resp: 157822

Ion Ratio Lower Upper

138 100

108 9.7 9.0 13.4

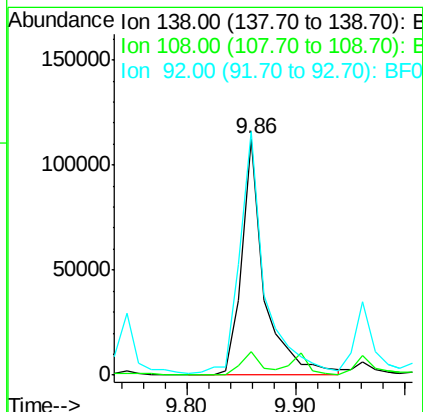
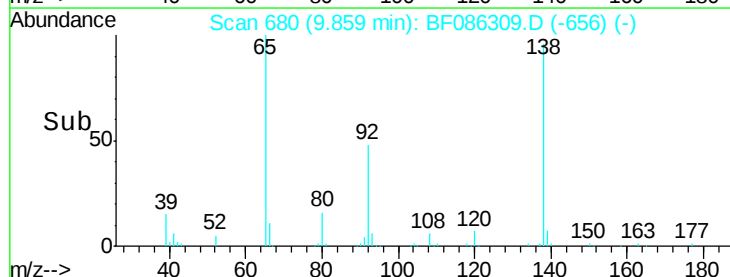
92 103.1 99.3 148.9

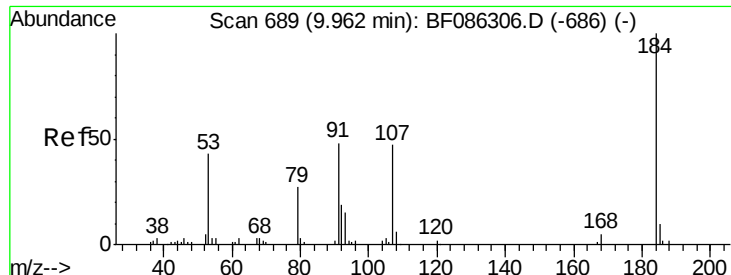


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

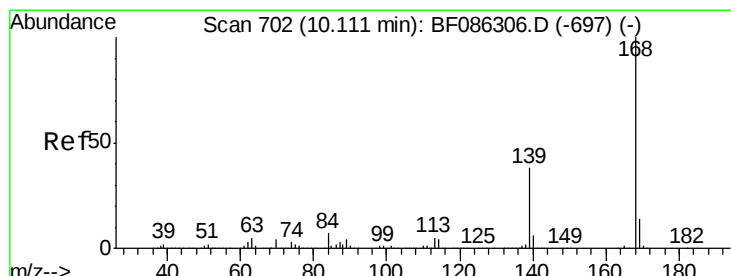
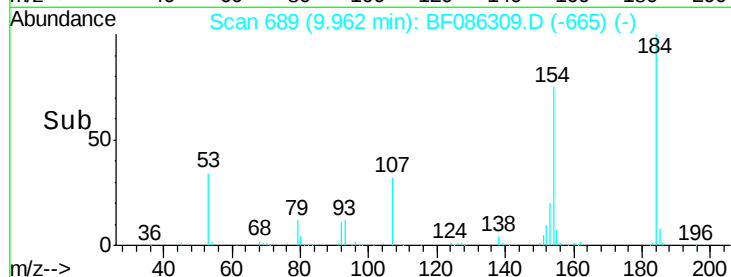
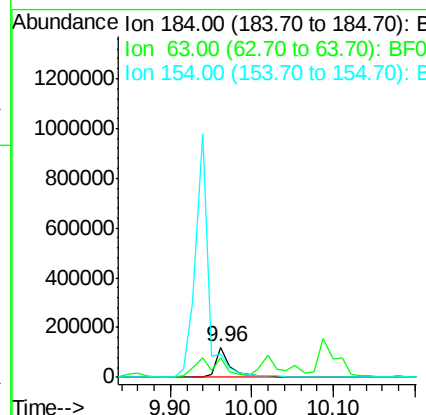
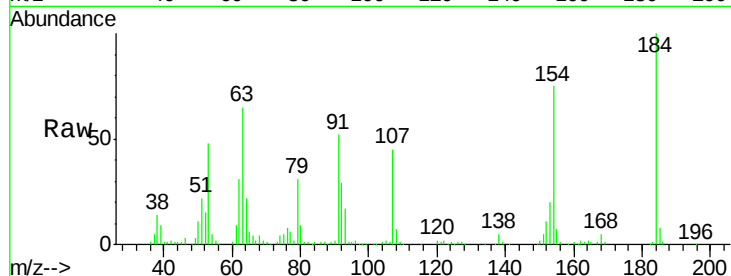




#53
2,4-Dinitrophenol
Concen: 99.23 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

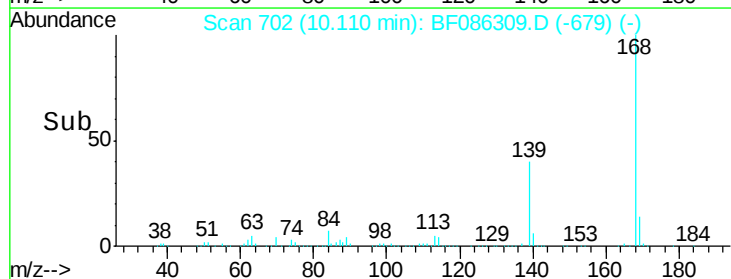
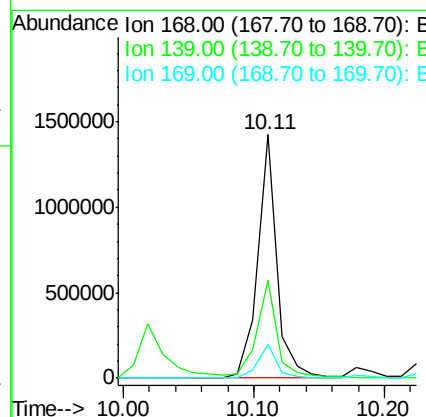
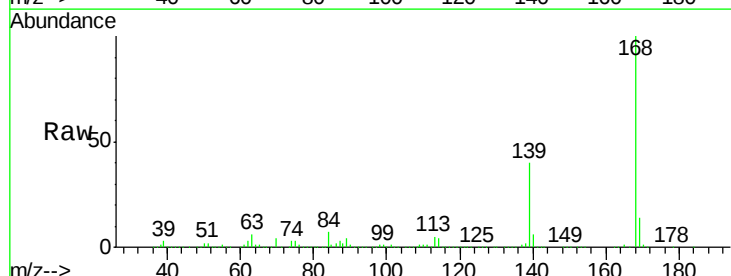
Instrument :
BNA_F
ClientSampleId :
PB89915BS

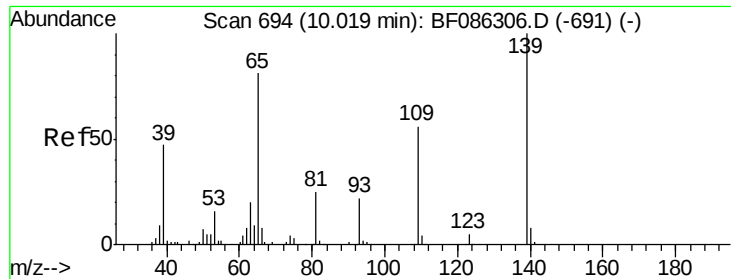
Tgt Ion:184 Resp: 158384
Ion Ratio Lower Upper
184 100
63 64.8 64.7 97.1
154 75.0 59.4 89.2



#54
Dibenzofuran
Concen: 41.57 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion:168 Resp: 1477798
Ion Ratio Lower Upper
168 100
139 40.1 29.5 44.3
169 13.9 10.6 16.0

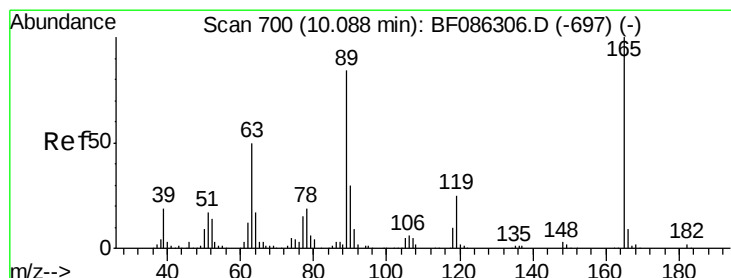
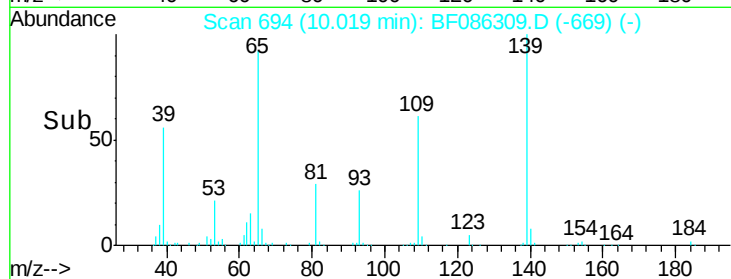
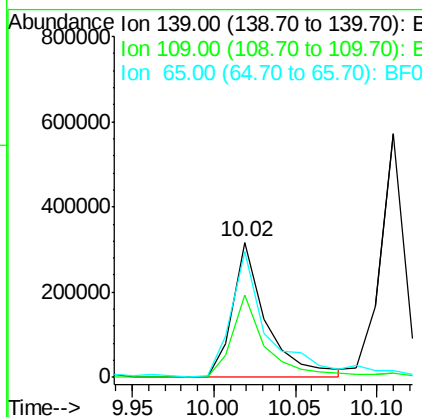
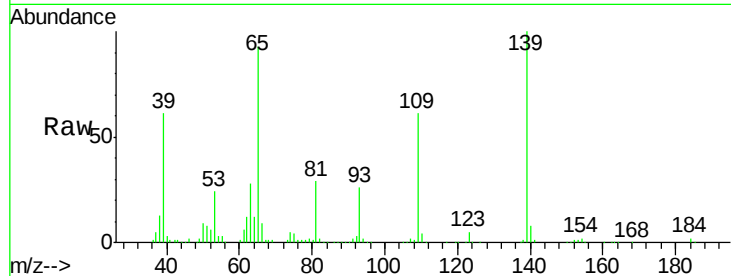




#55
4-Nitrophenol
Concen: 77.07 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

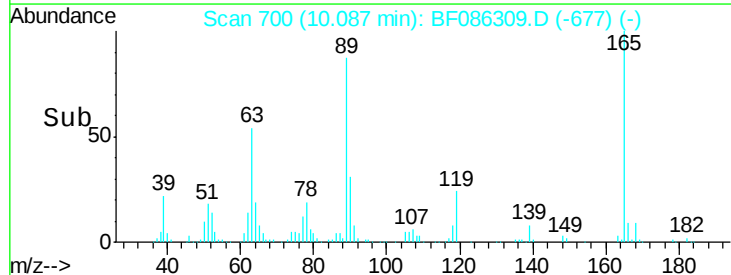
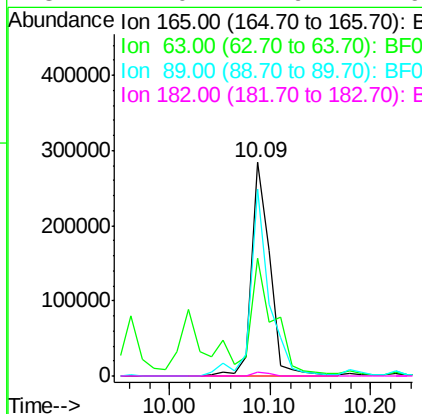
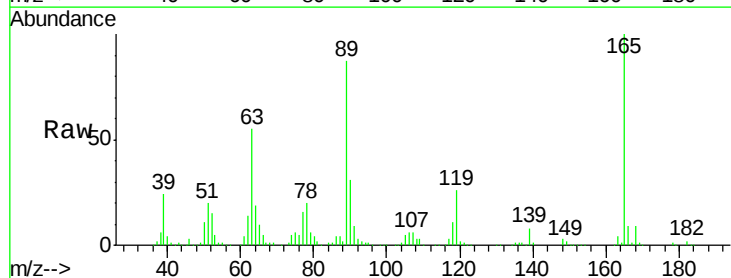
Instrument :
BNA_F
ClientSampleId :
PB89915BS

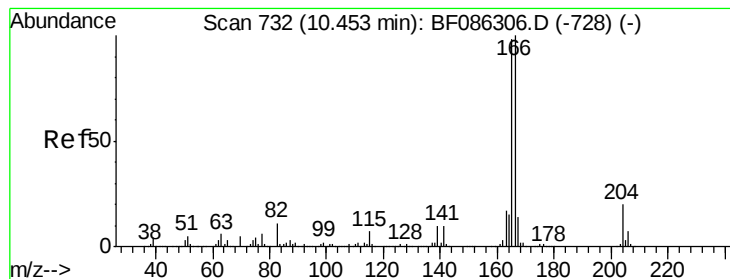
Tgt Ion:139 Resp: 456661
Ion Ratio Lower Upper
139 100
109 61.0 55.0 95.0
65 93.2 87.3 127.3



#56
2,4-Dinitrotoluene
Concen: 38.22 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion:165 Resp: 356935
Ion Ratio Lower Upper
165 100
63 55.2 26.6 40.0#
89 87.3 49.5 74.3#
182 2.0 1.9 2.9





#57

Fluorene

Concen: 40.09 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

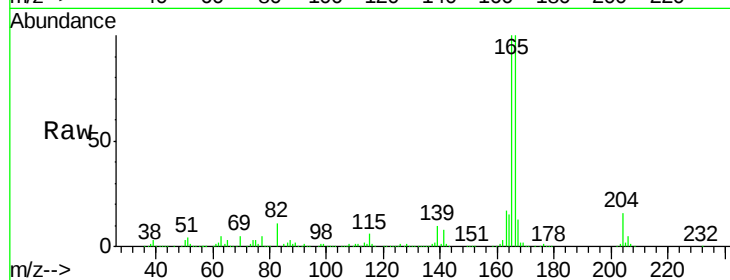
Tgt Ion:166 Resp: 1056207

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

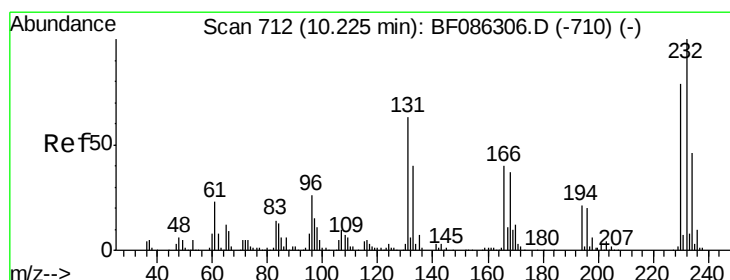
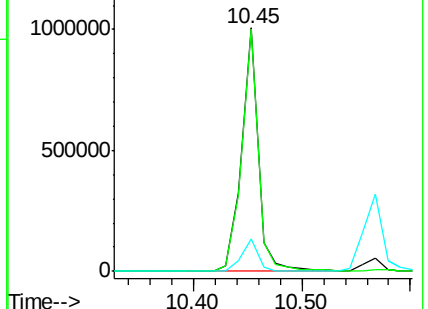
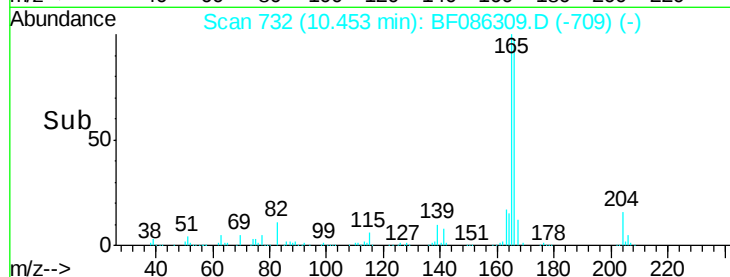
167 13.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.96 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion:232 Resp: 265111

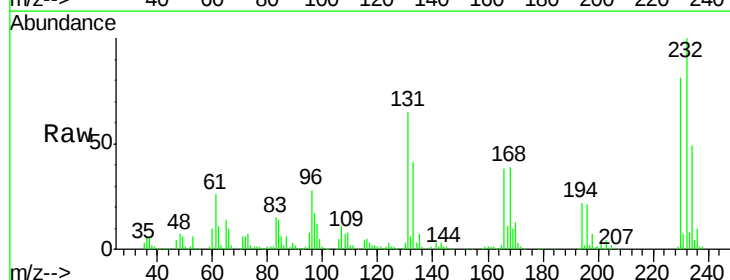
Ion Ratio Lower Upper

232 100

131 59.5 46.6 70.0

130 2.7 2.5 3.7

166 36.1 28.3 42.5

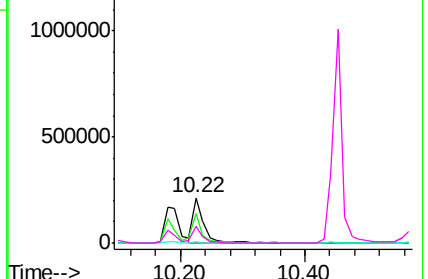
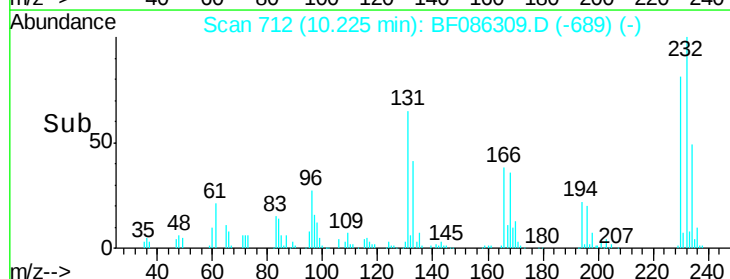


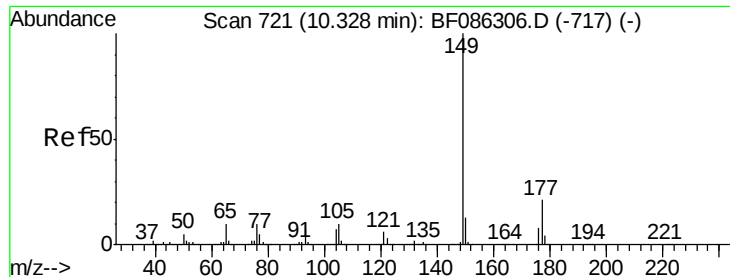
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

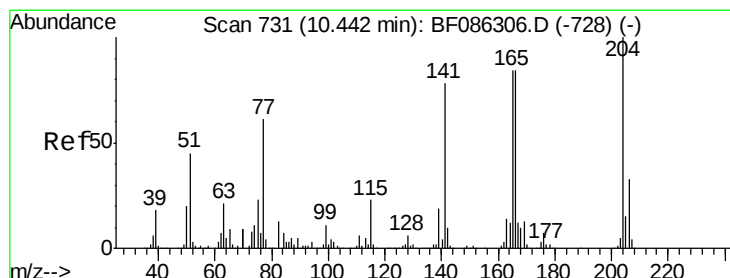
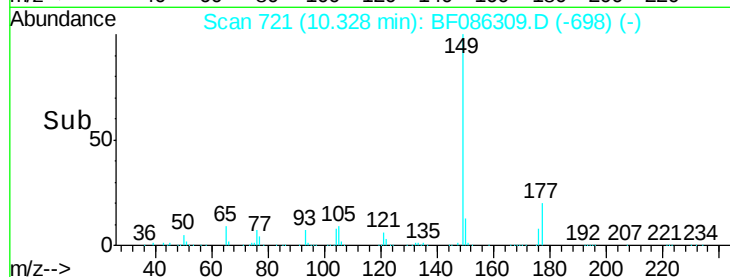
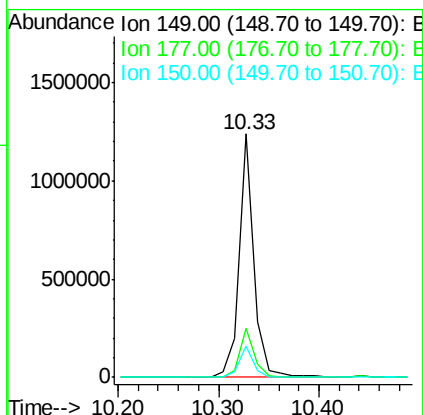
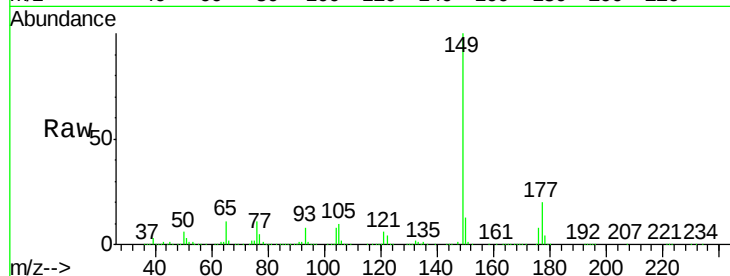




#59
Diethylphthalate
Concen: 35.22 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

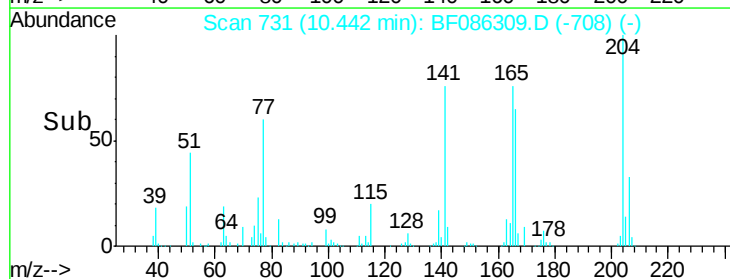
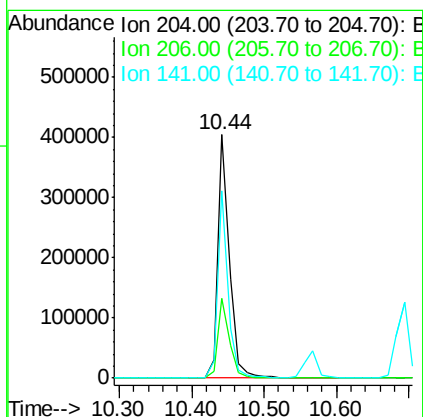
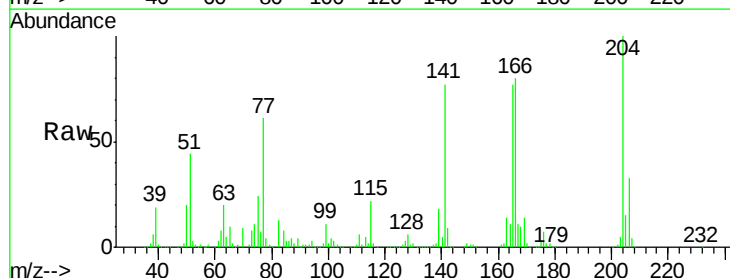
Instrument :
BNA_F
ClientSampleId :
PB89915BS

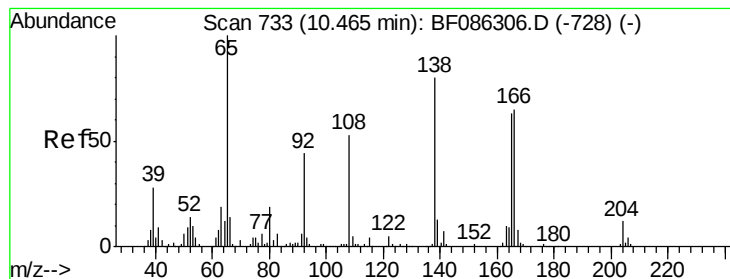
Tgt Ion:149 Resp: 1254873
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 12.9 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 36.33 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion:204 Resp: 443279
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 76.9 55.4 83.0





#61

4-Nitroaniline

Concen: 31.38 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

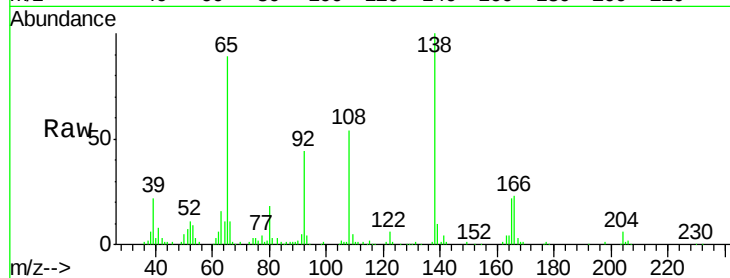
Tgt Ion:138 Resp: 280709

Ion Ratio Lower Upper

138 100

92 43.6 31.9 71.9

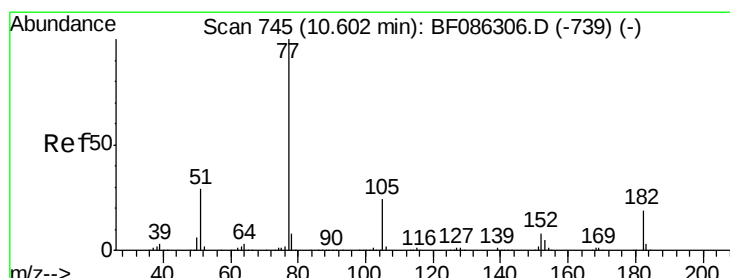
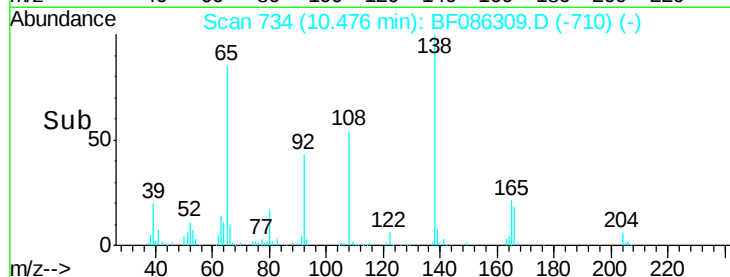
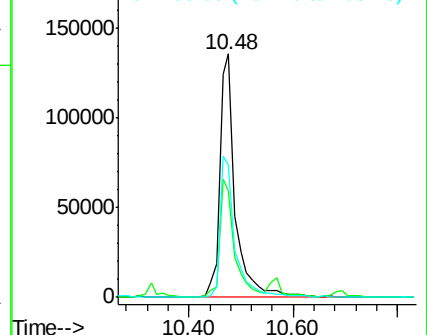
108 54.4 58.7 98.7#



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: 39.51 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion: 77 Resp: 1387717

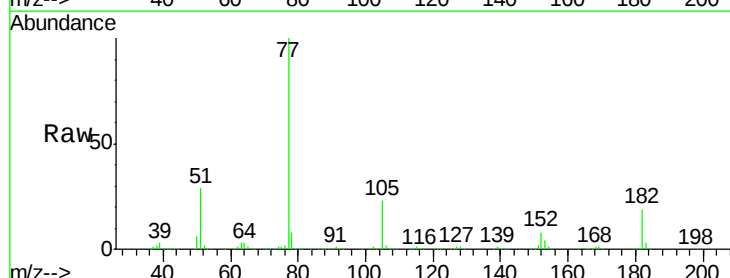
Ion Ratio Lower Upper

77 100

182 18.5 2.3 42.3

105 23.3 3.4 43.4

51 29.5 11.7 51.7

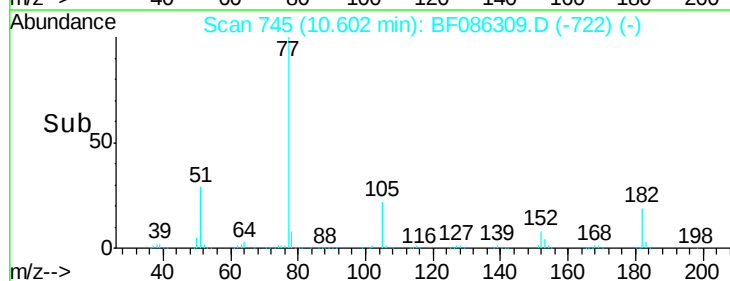
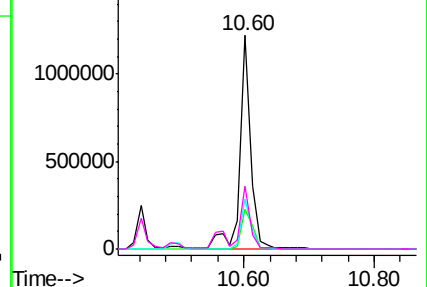


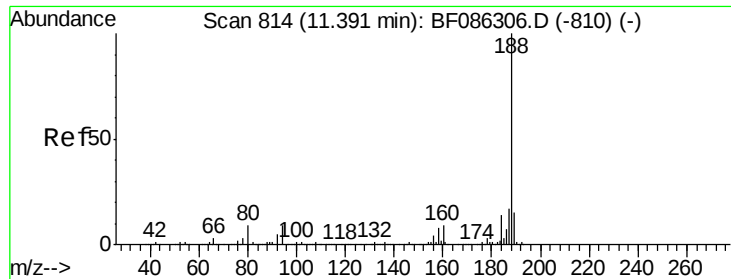
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

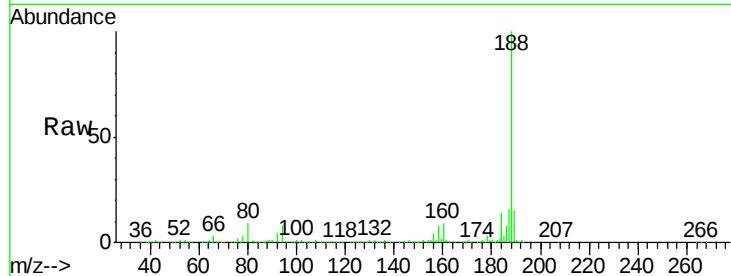
Tgt Ion:188 Resp: 776074

Ion Ratio Lower Upper

188 100

94 8.5 9.8 14.8#

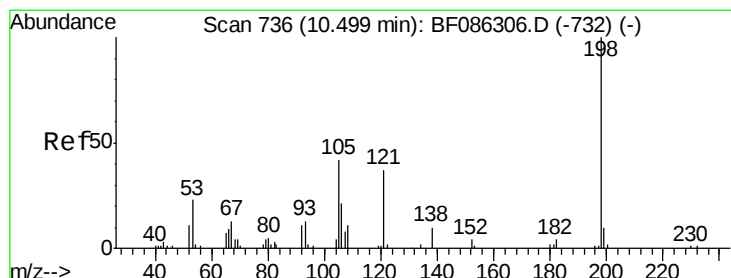
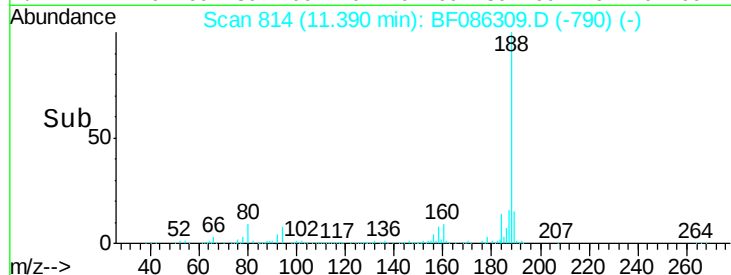
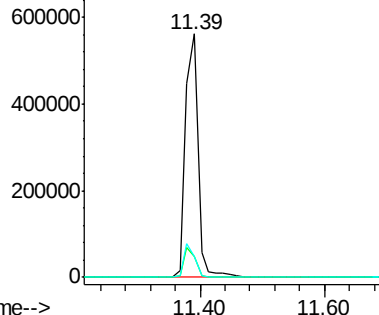
80 8.7 10.5 15.7#



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: 45.15 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

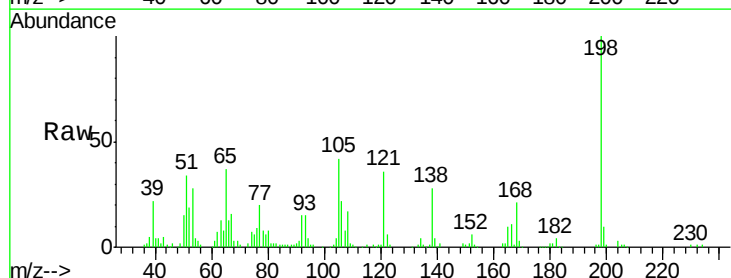
Tgt Ion:198 Resp: 109187

Ion Ratio Lower Upper

198 100

51 34.1 56.5 96.5#

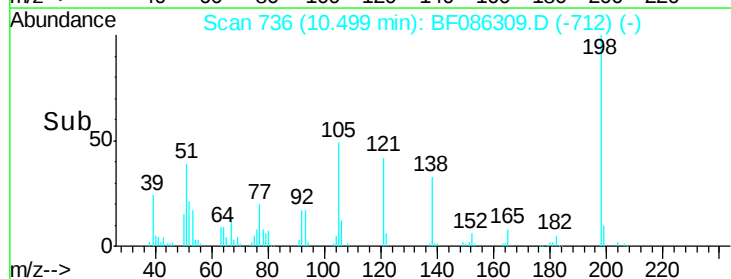
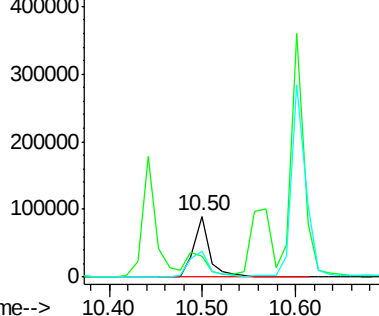
105 42.0 48.0 88.0#

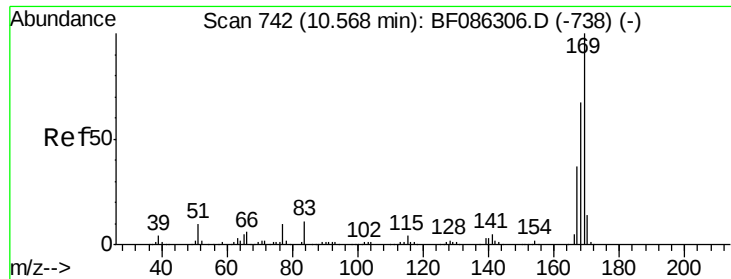


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

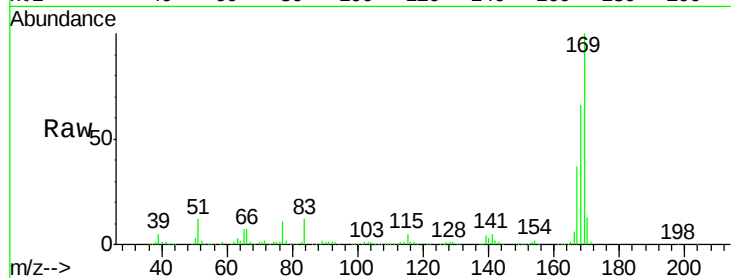




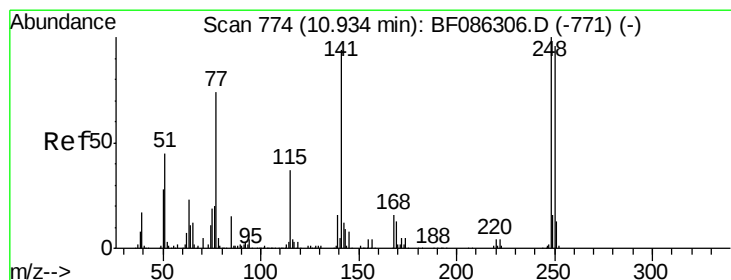
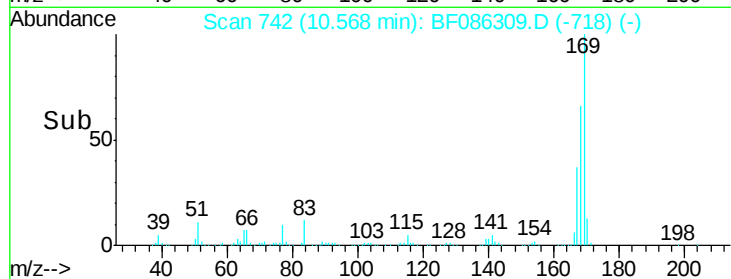
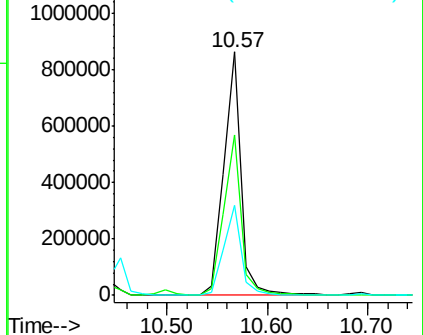
#65
 n-Nitrosodiphenylamine
 Concen: 40.19 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tgt Ion:169 Resp: 1027583
 Ion Ratio Lower Upper
 169 100
 168 65.9 54.3 81.5
 167 36.9 30.2 45.2

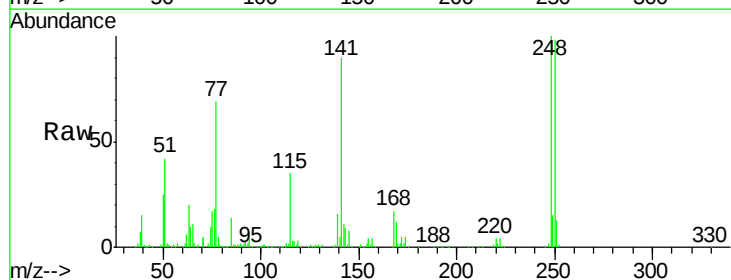


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

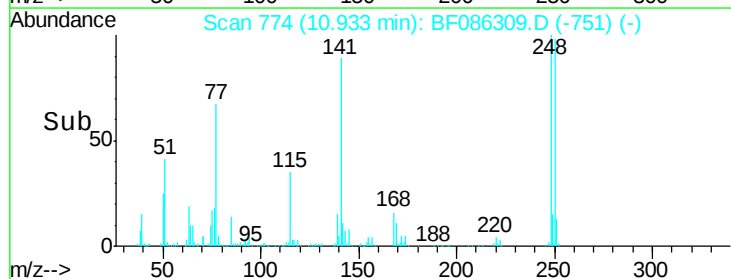
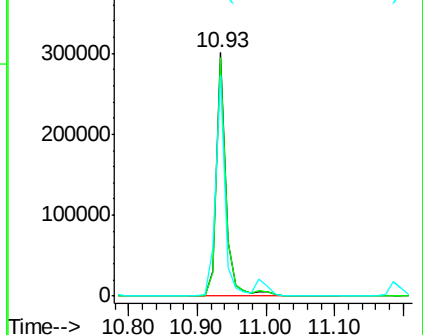


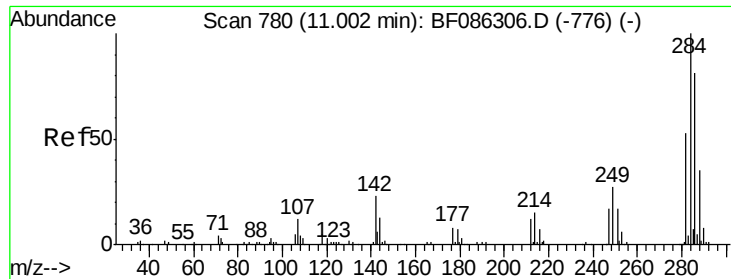
#66
 4-Bromophenyl-phenylether
 Concen: 36.01 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion:248 Resp: 300269
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.6 118.0
 141 90.4 57.9 86.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

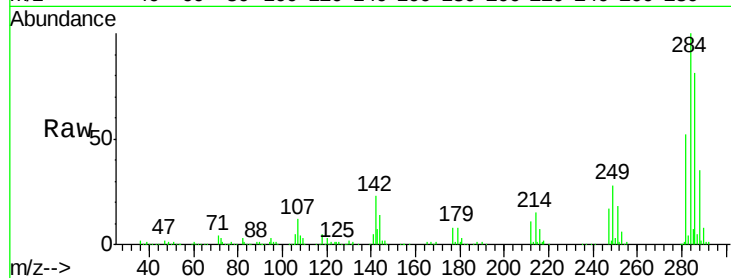




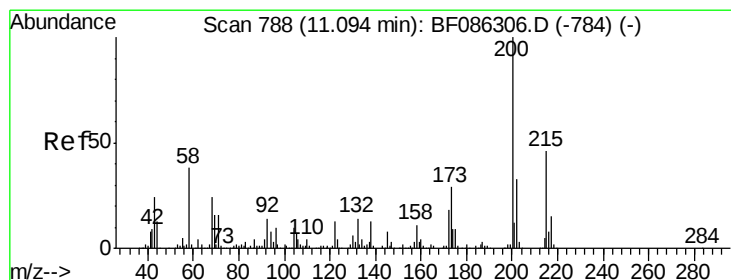
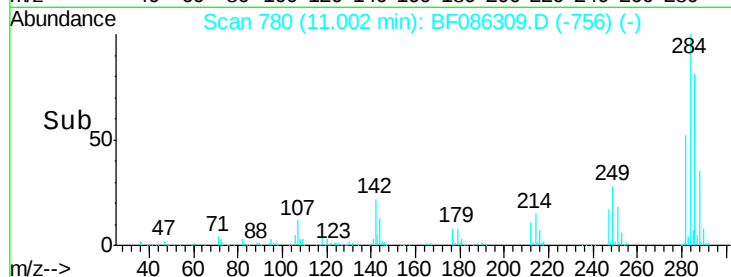
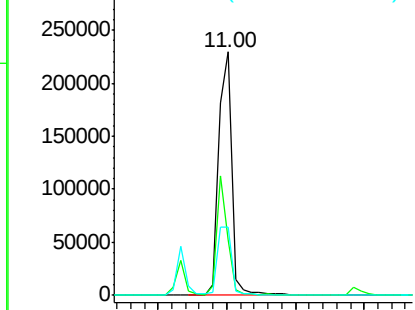
#67
Hexachlorobenzene
Concen: 37.14 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tgt Ion:284 Resp: 310868
Ion Ratio Lower Upper
284 100
142 22.9 42.6 64.0#
249 28.0 25.9 38.9

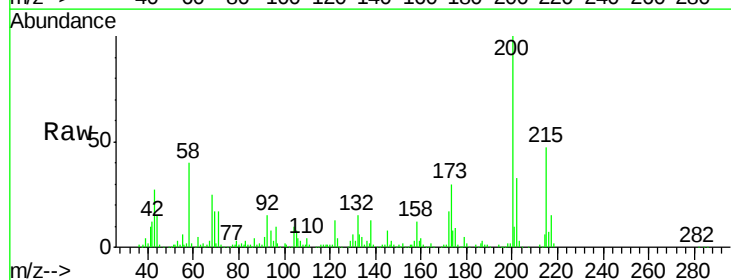


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

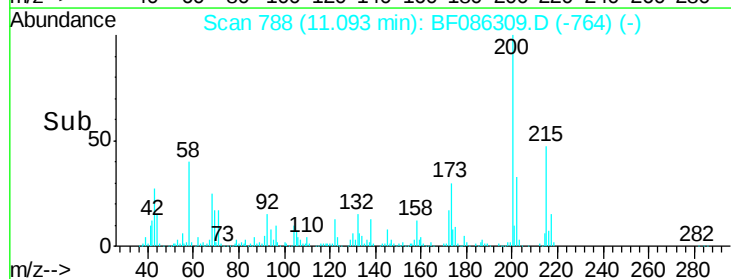
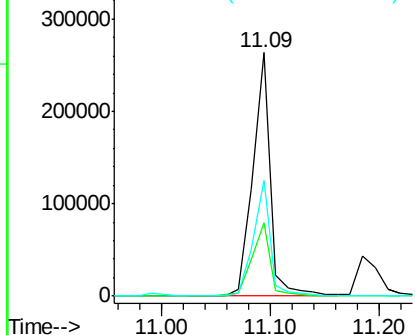


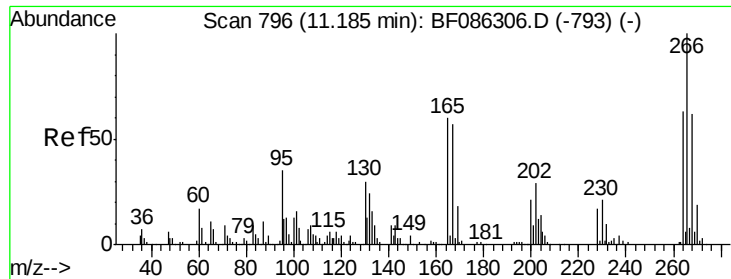
#68
Atrazine
Concen: 37.82 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF086309.D
Acq: 20 Apr 2016 15:24

Tgt Ion:200 Resp: 297184
Ion Ratio Lower Upper
200 100
173 30.0 11.2 51.2
215 47.3 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

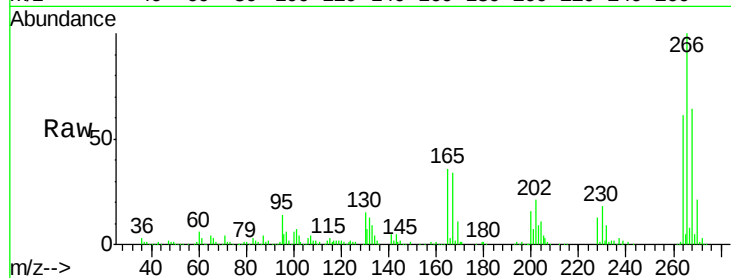




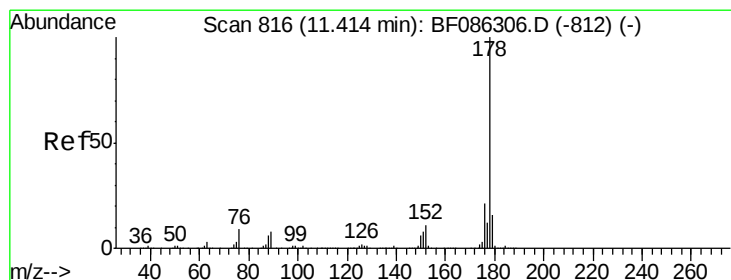
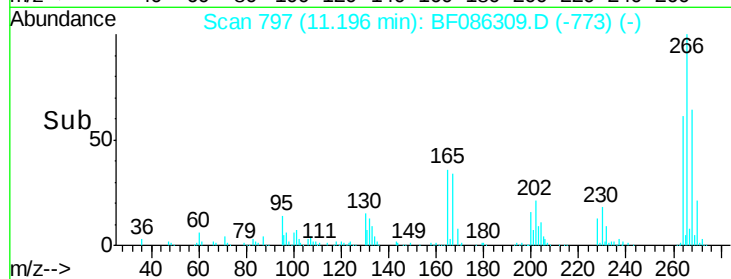
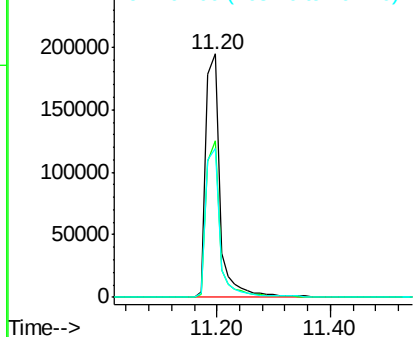
#69
 Pentachlorophenol
 Concen: 74.02 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tgt Ion: 266 Resp: 324505
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.0 79.4
 264 61.4 51.3 76.9

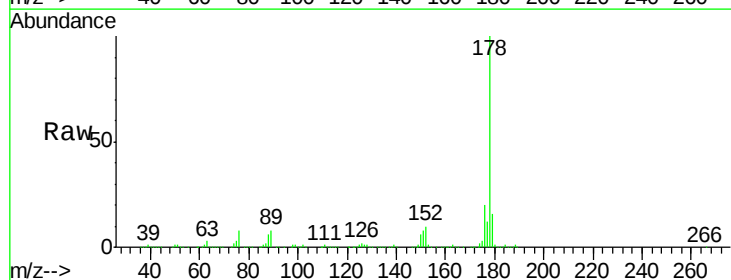


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

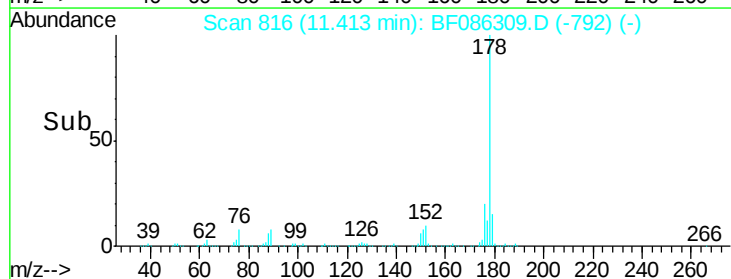
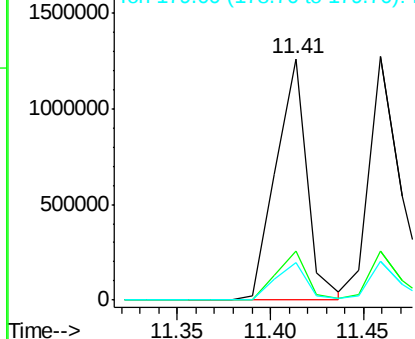


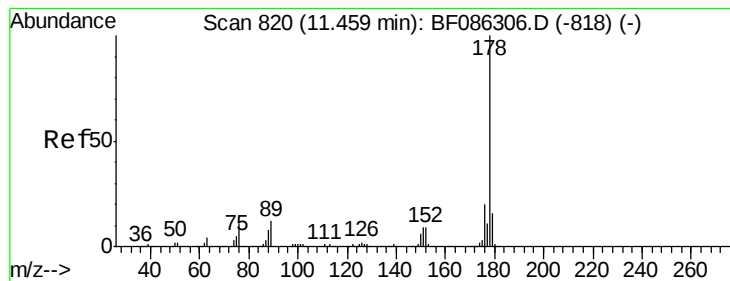
#70
 Phenanthrene
 Concen: 39.77 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion: 178 Resp: 1462574
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 15.5 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: 38.03 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

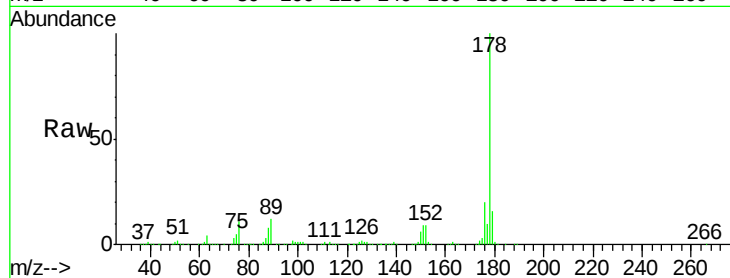
Tgt Ion:178 Resp: 1497640

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

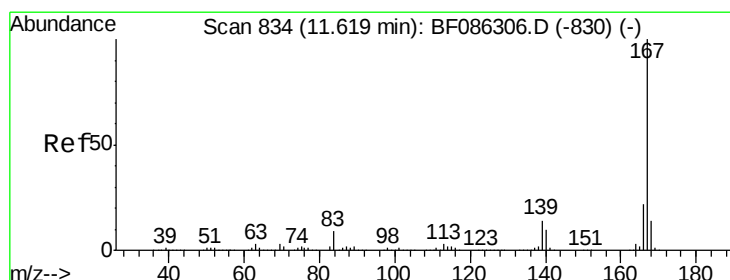
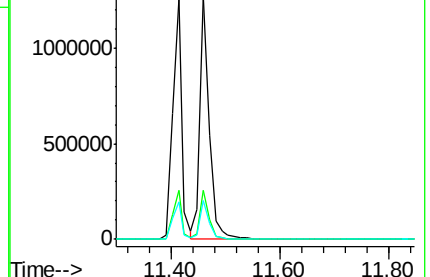
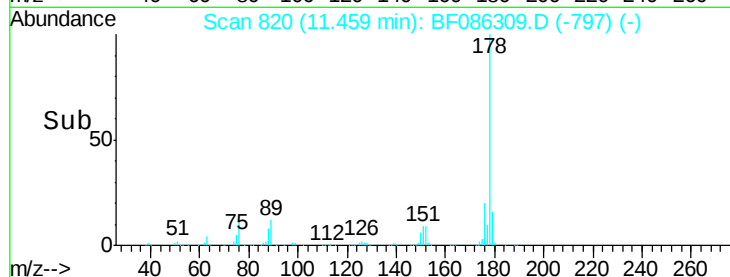
179 16.0 13.2 19.8



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: 39.19 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

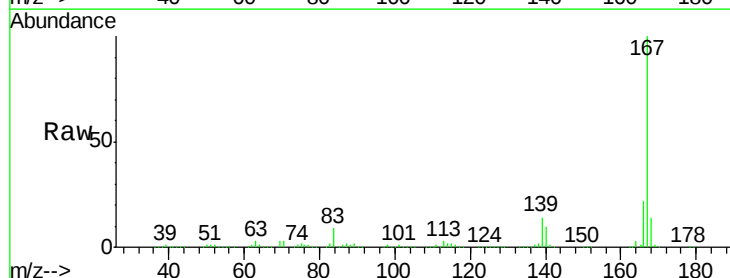
Tgt Ion:167 Resp: 1460671

Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

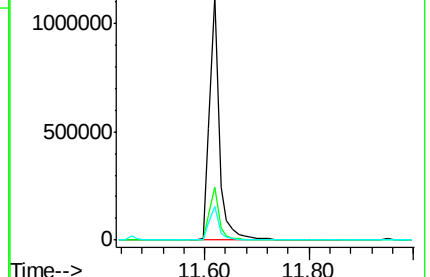
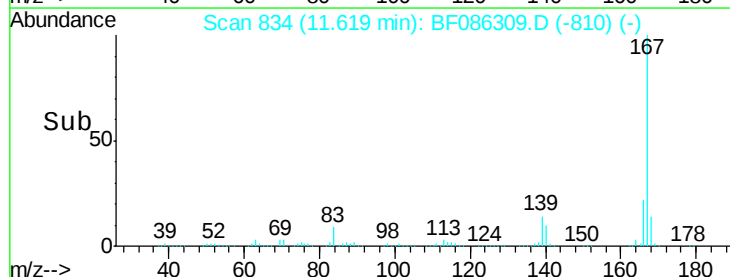
139 13.7 12.3 18.5

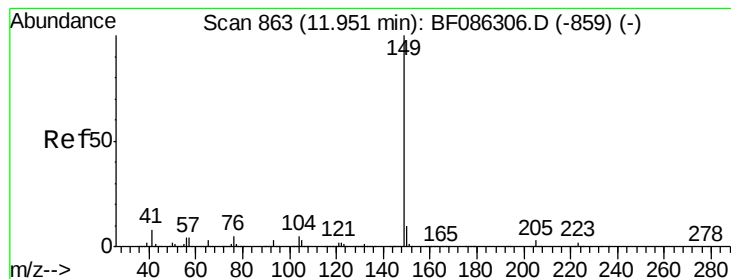


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.24 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

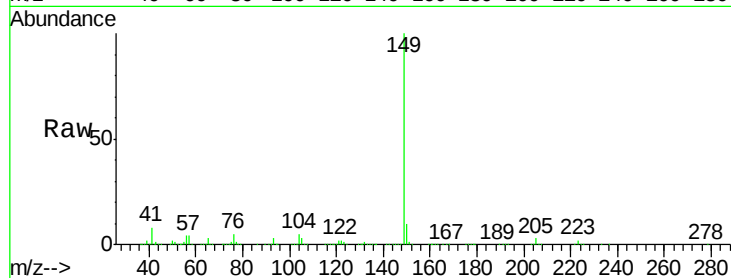
Tgt Ion:149 Resp: 1835204

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

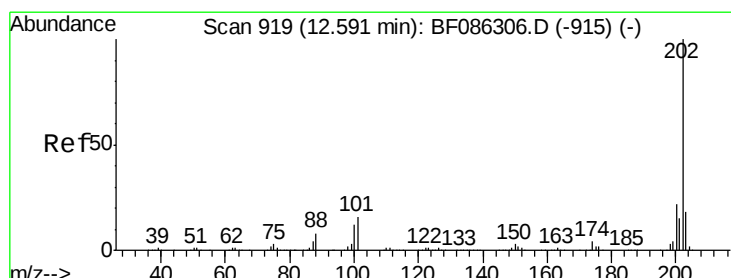
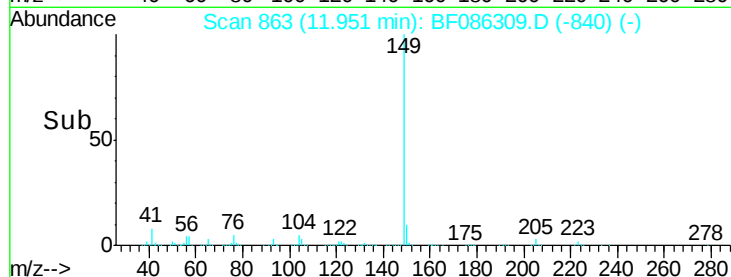
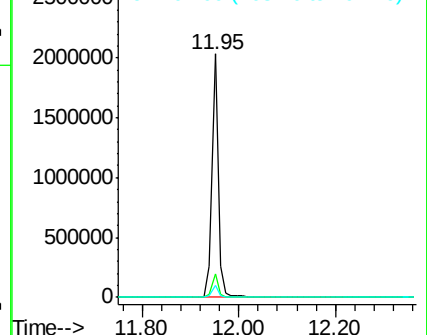
104 5.1 4.1 6.1



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: 36.26 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

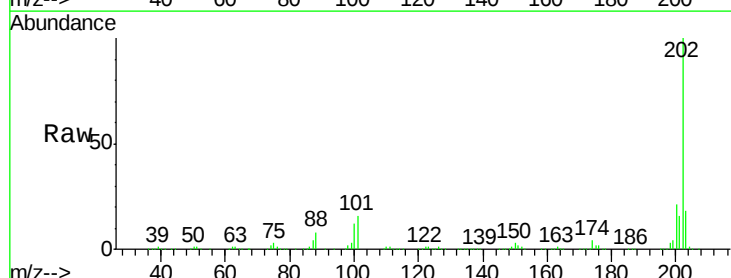
Tgt Ion:202 Resp: 1236367

Ion Ratio Lower Upper

202 100

101 16.1 0.0 35.2

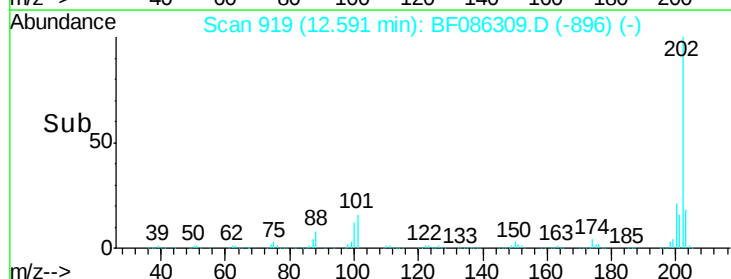
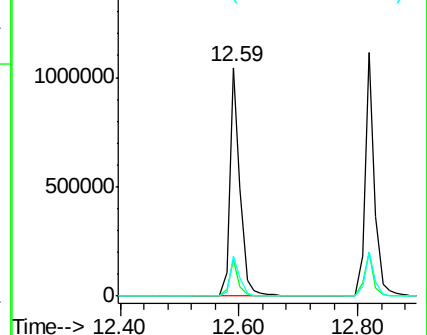
203 17.7 0.0 38.2

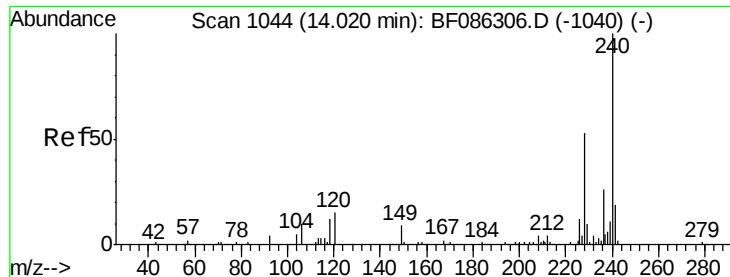


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

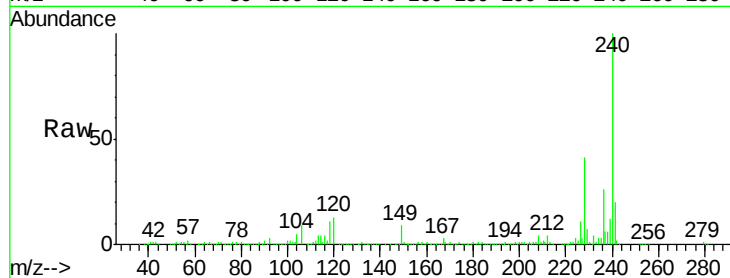
Tgt Ion:240 Resp: 438500

Ion Ratio Lower Upper

240 100

120 13.2 9.3 13.9

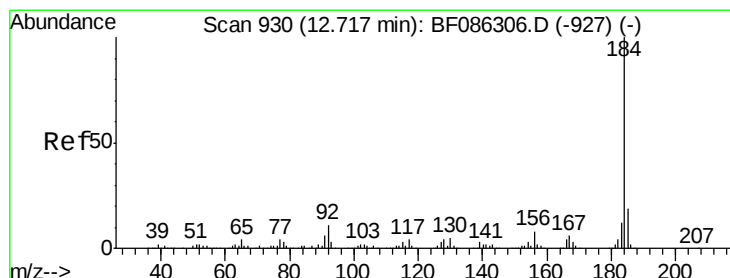
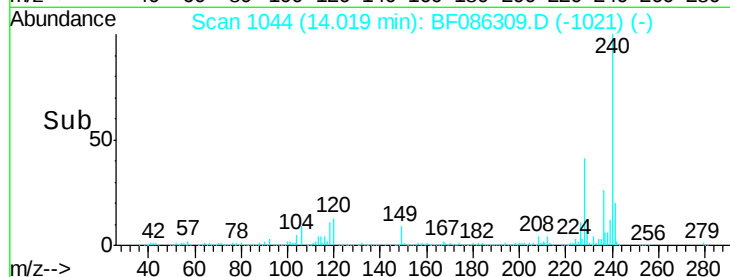
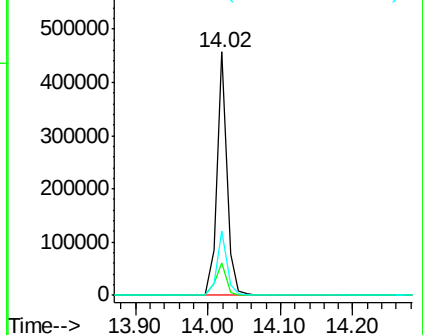
236 26.5 21.1 31.7



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: 26.17 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

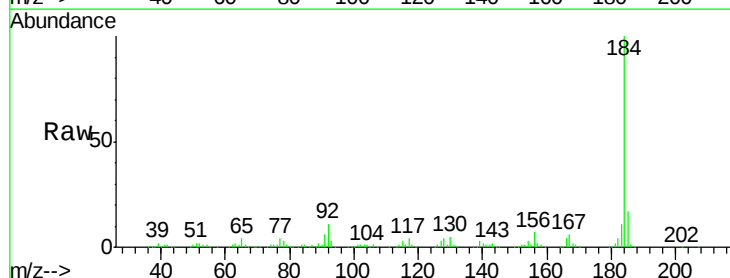
Tgt Ion:184 Resp: 506552

Ion Ratio Lower Upper

184 100

185 17.0 14.2 21.2

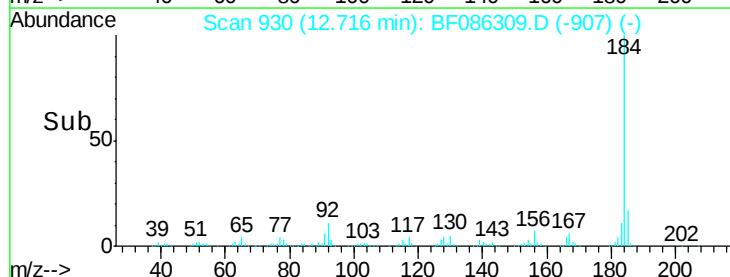
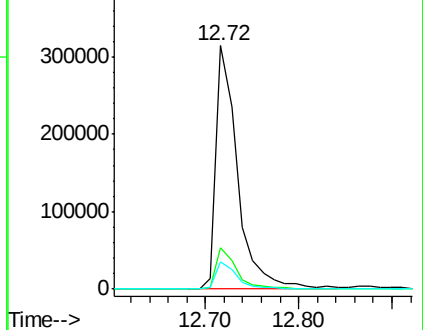
183 11.2 9.8 14.6

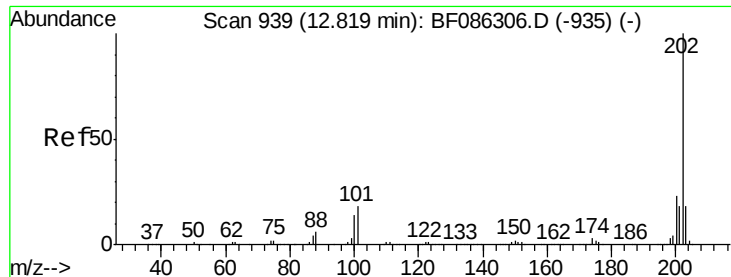


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



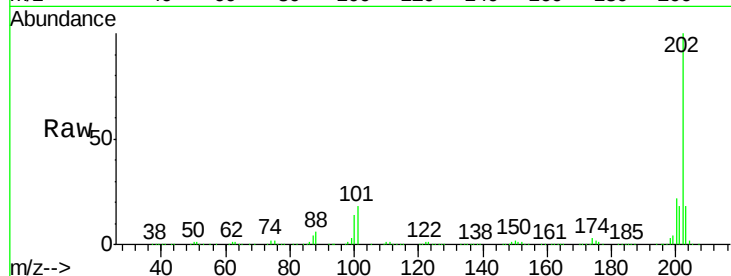


#77
 Pyrene
 Concen: 37.34 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

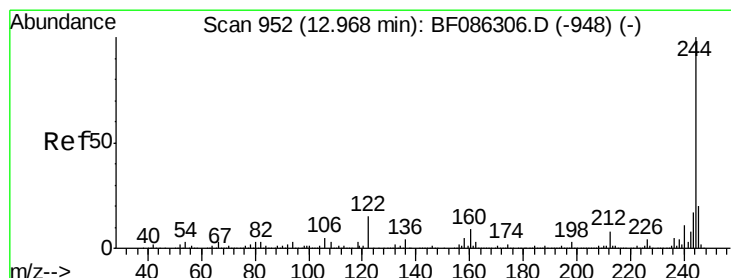
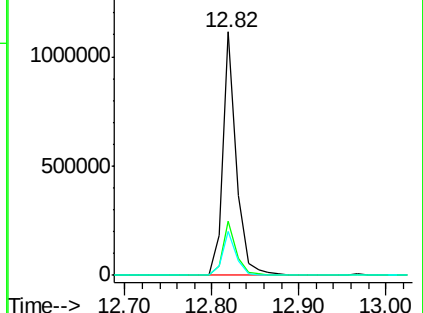
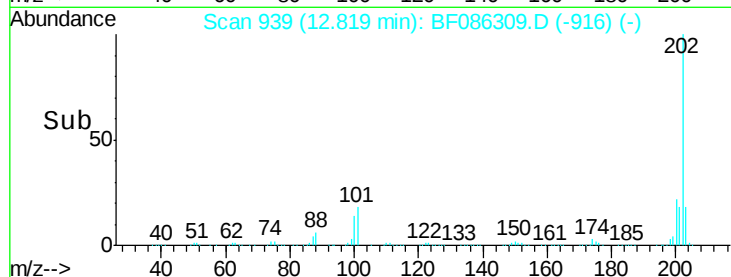
Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

Tgt Ion: 202 Resp: 1214452

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.3	27.5
203	17.9	14.9	22.3



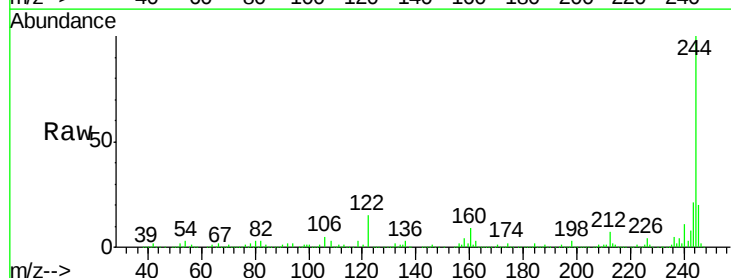
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



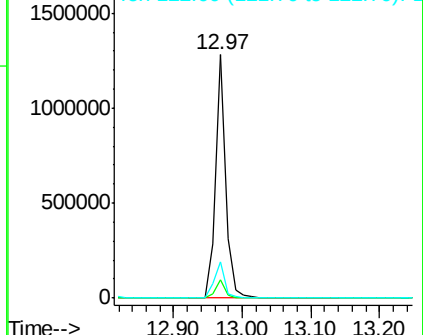
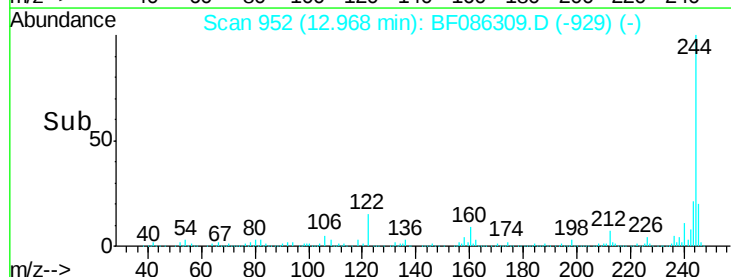
#78
 Terphenyl-d14
 Concen: 73.05 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

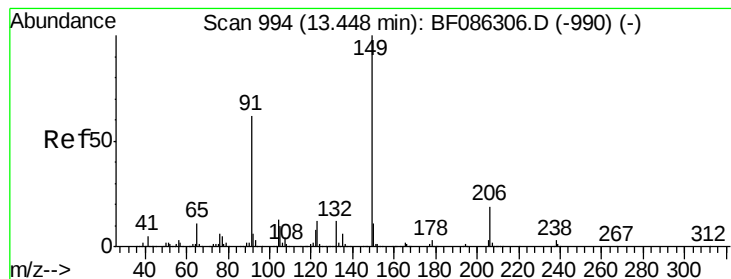
Tgt Ion: 244 Resp: 1345791

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	14.7	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: 40.01 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

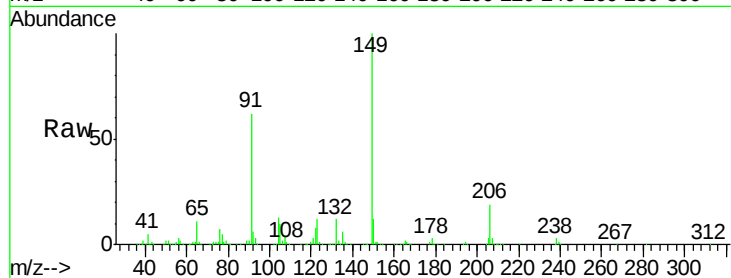
Tgt Ion:149 Resp: 686931

Ion Ratio Lower Upper

149 100

91 62.3 48.7 73.1

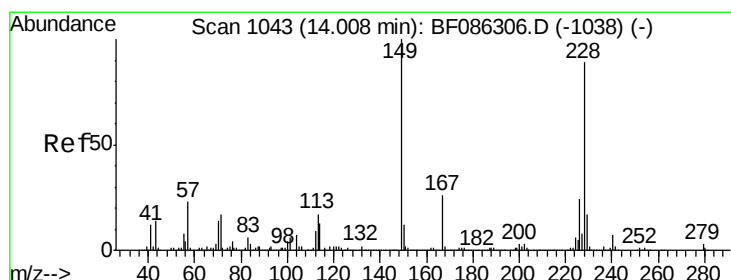
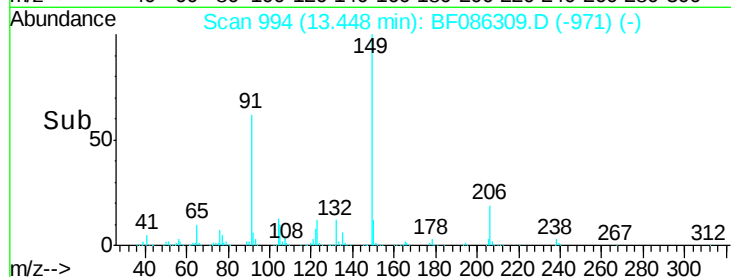
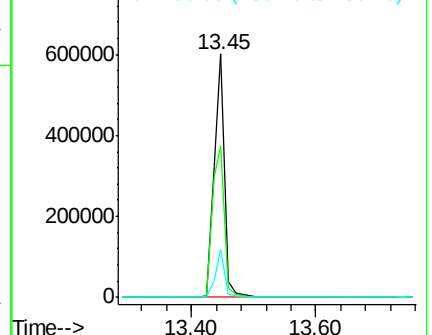
206 19.4 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.50 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

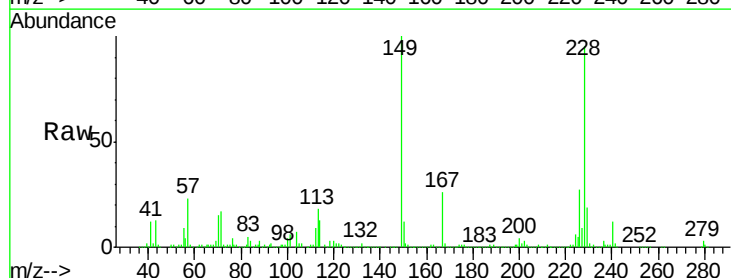
Tgt Ion:228 Resp: 935486

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

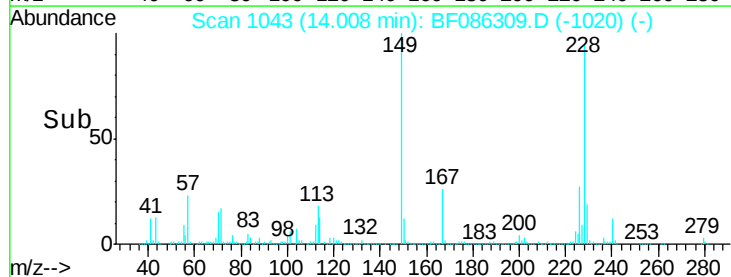
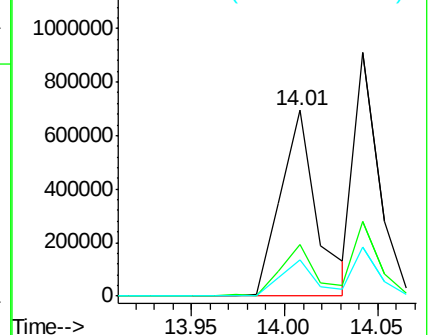
229 19.7 16.2 24.2

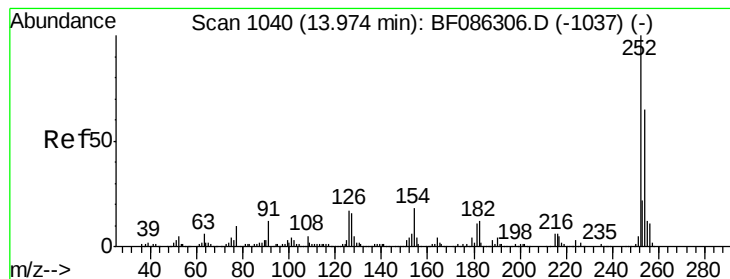


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

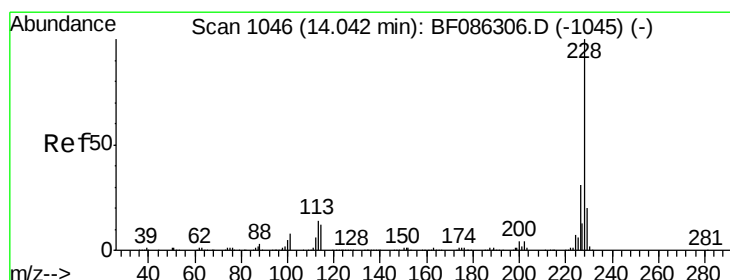
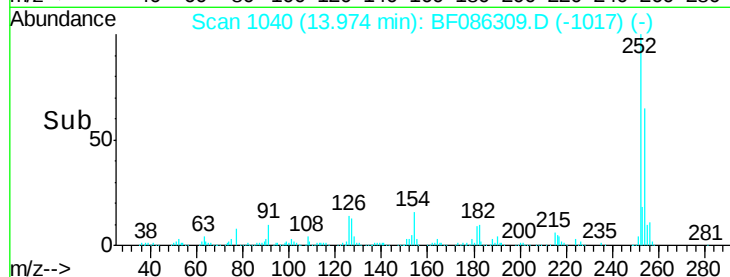
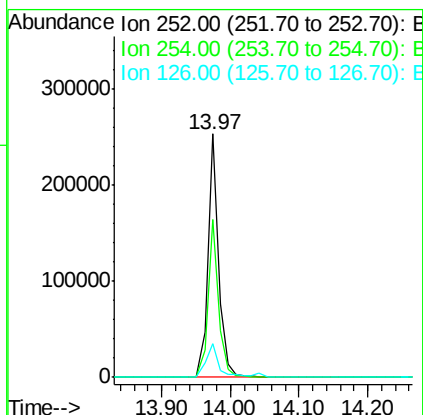
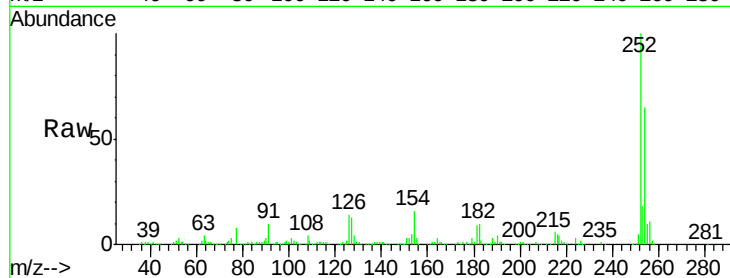




#81
 3,3'-Dichlorobenzidine
 Concen: 17.23 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

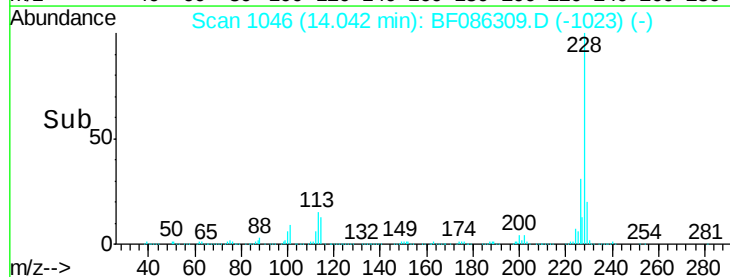
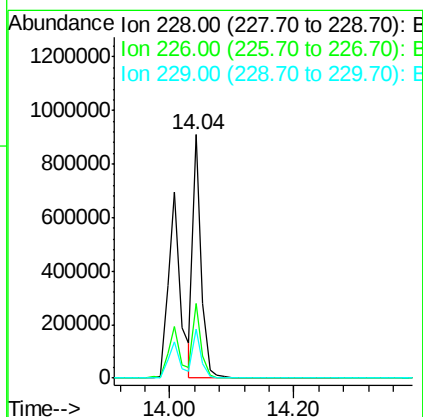
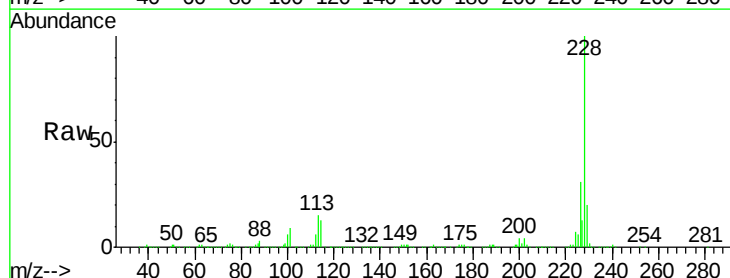
Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

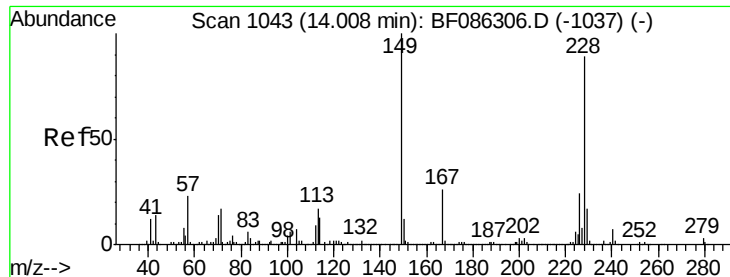
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	13.9	13.2	19.8



#82
 Chrysene
 Concen: 34.48 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	20.1	16.5	24.7

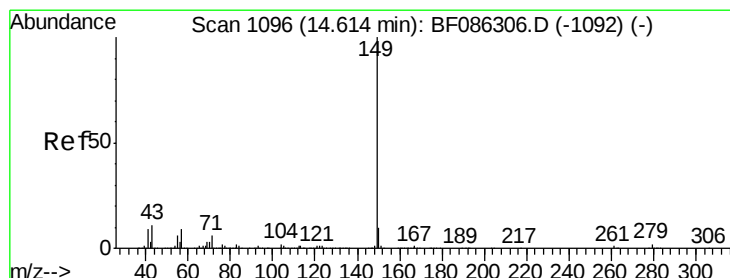
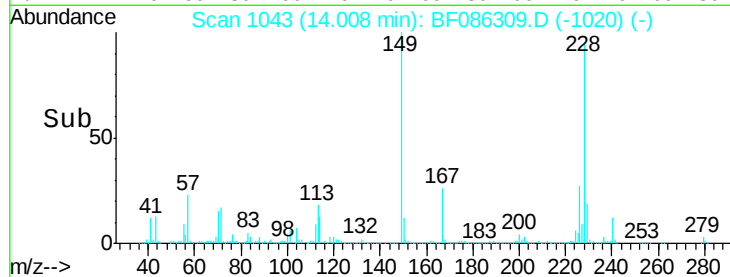
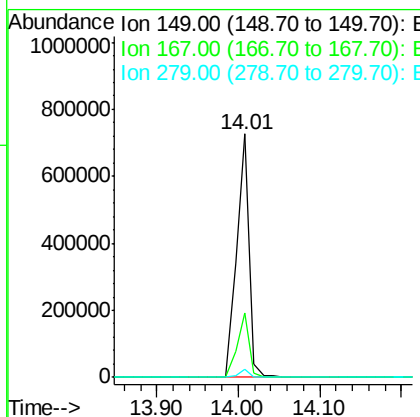
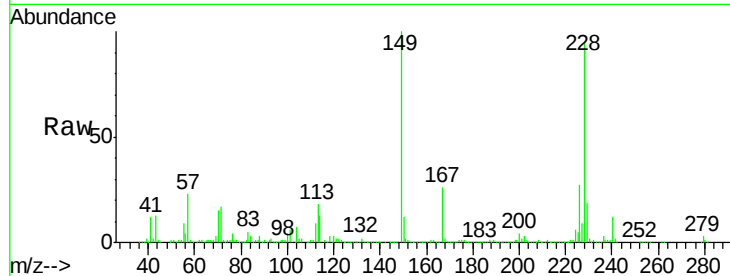




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.60 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

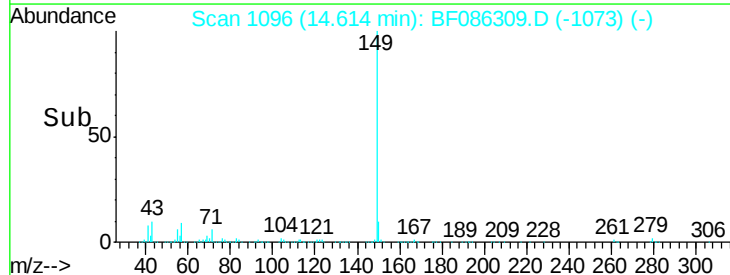
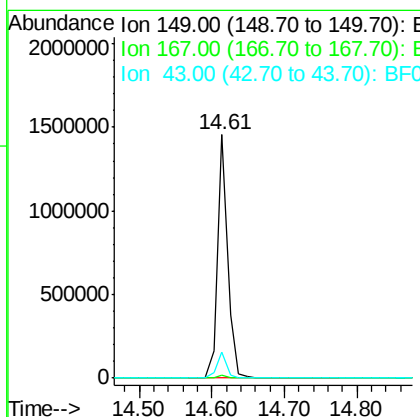
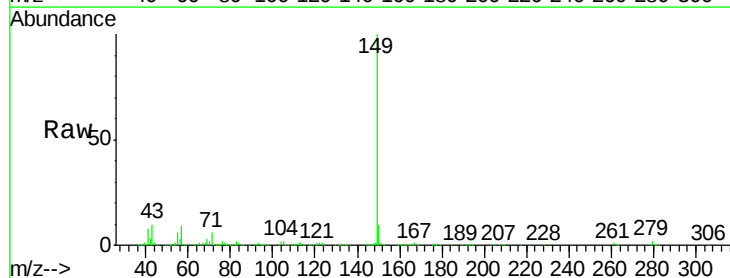
Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

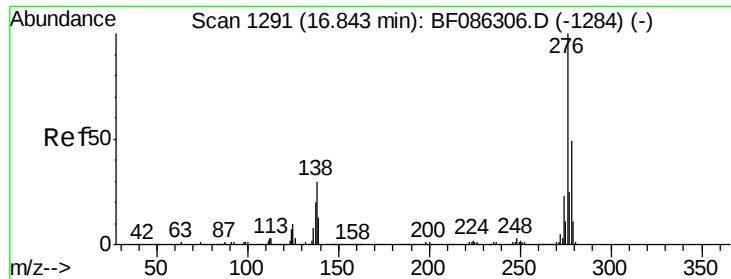
Tgt Ion:149 Resp: 776224
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.2 2.4 3.6



#84
 Di-n-octyl phthalate
 Concen: 38.68 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.03 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion:149 Resp: 1401610
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 10.1 9.1 13.7

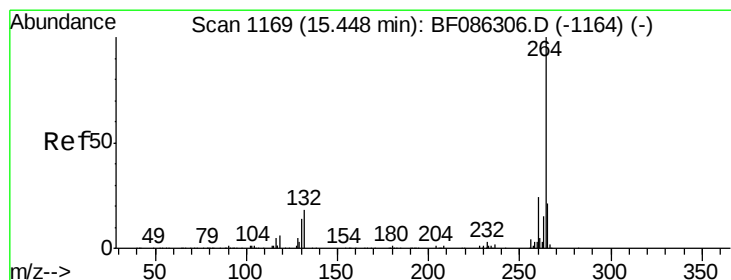
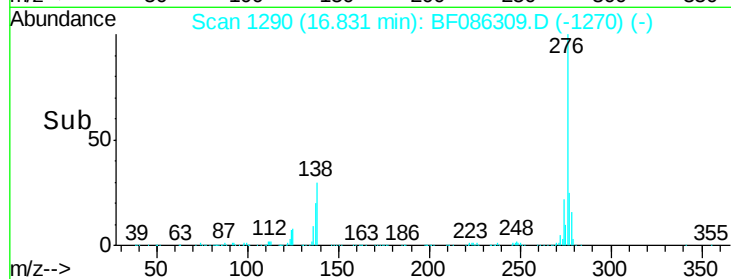
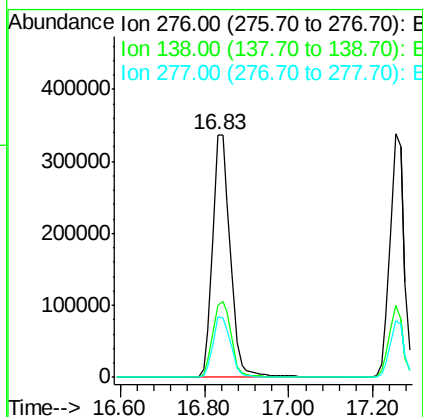
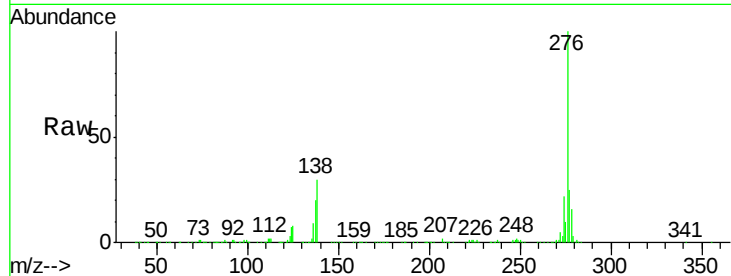




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.60 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

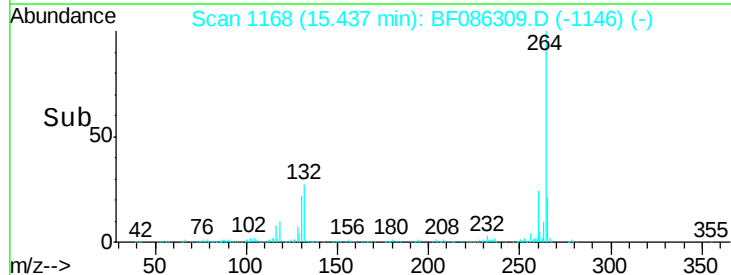
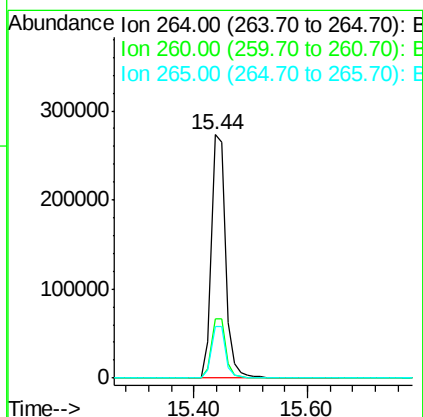
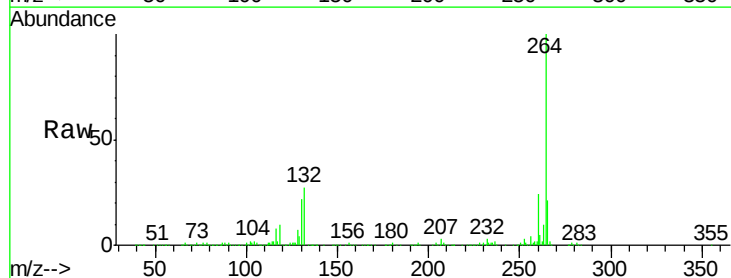
Instrument :
 BNA_F
 ClientSampleId :
 PB89915BS

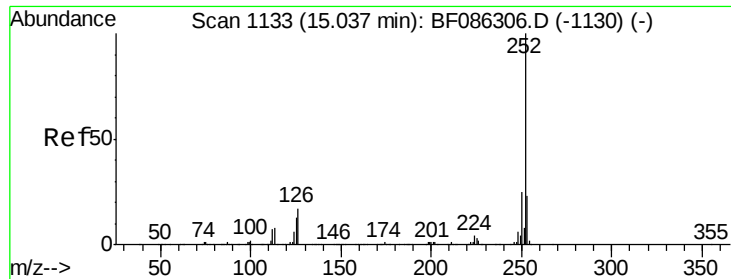
Tgt Ion: 276 Resp: 991096
 Ion Ratio Lower Upper
 276 100
 138 33.2 23.8 35.6
 277 25.3 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086309.D
 Acq: 20 Apr 2016 15:24

Tgt Ion: 264 Resp: 462855
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 21.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 73.29 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

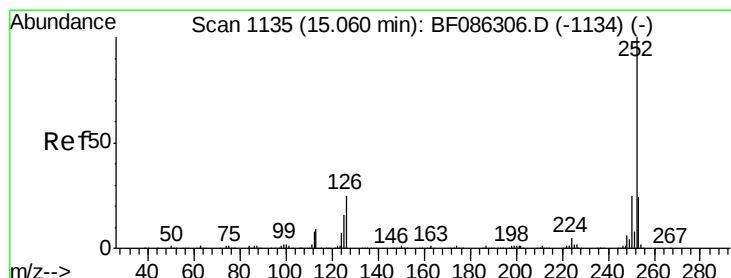
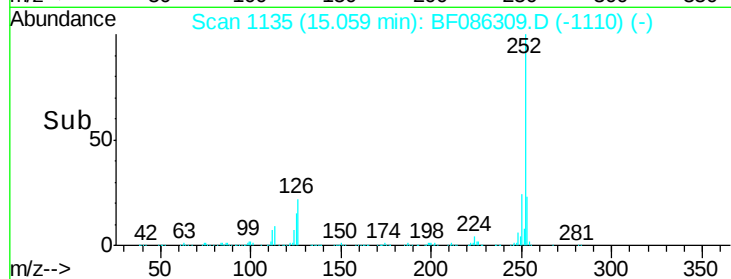
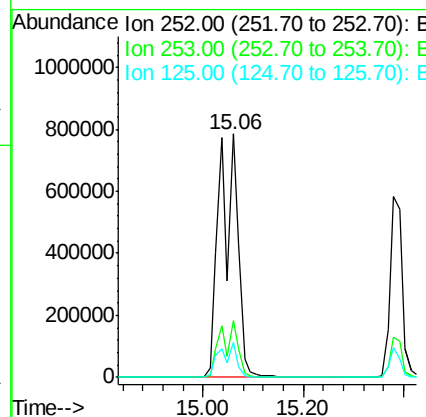
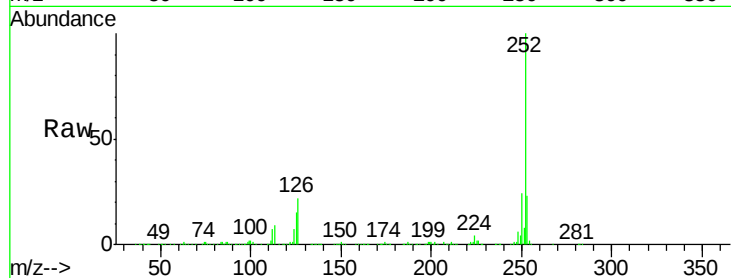
Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Tgt Ion: 252 Resp: 1962063

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	14.5	10.3	15.5



#88

Benzo(k)fluoranthene

Concen: 87.06 ng

RT: 15.06 min Scan# 1135

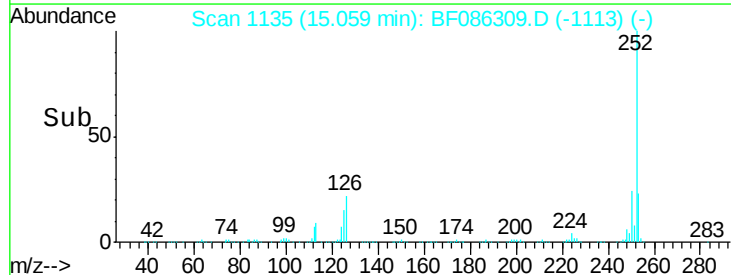
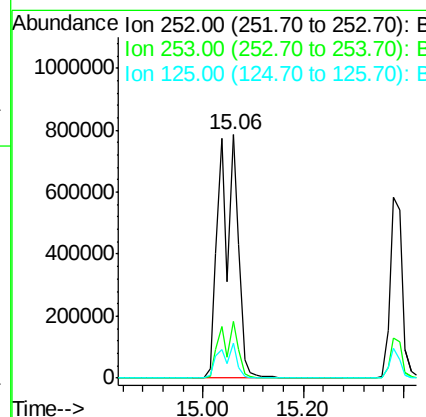
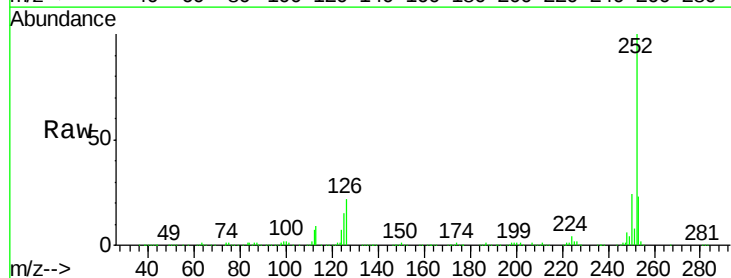
Delta R.T. -0.05 min

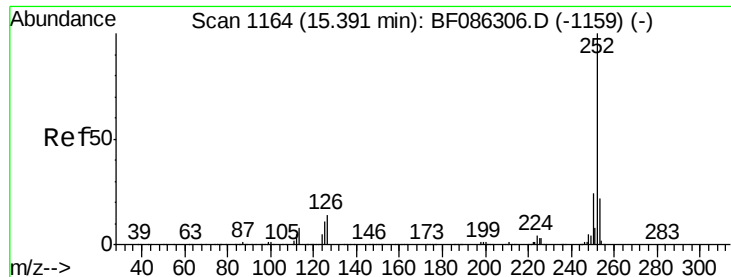
Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Tgt Ion: 252 Resp: 1962063

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	14.5	7.8	11.6





#89

Benzo(a)pyrene

Concen: 39.86 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

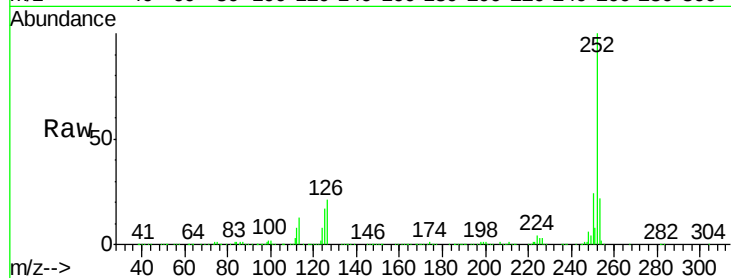
Tgt Ion: 252 Resp: 983615

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

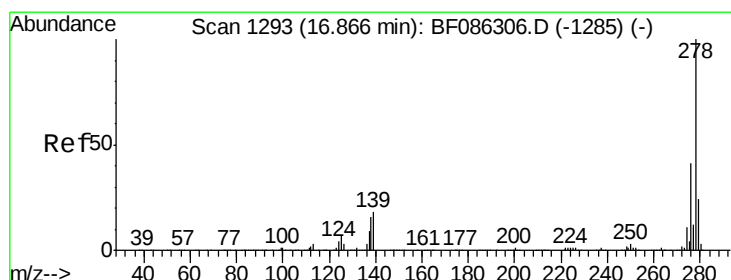
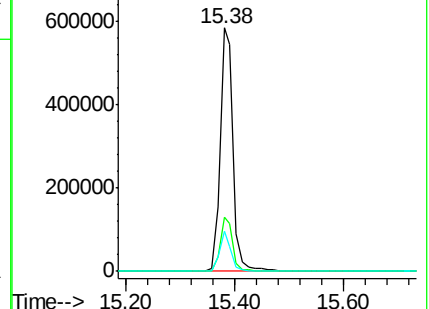
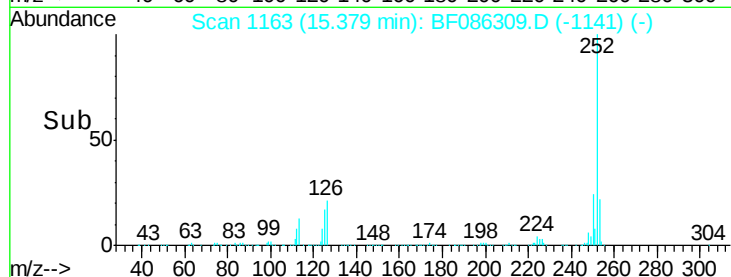
125 16.5 11.2 16.8



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: 38.98 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

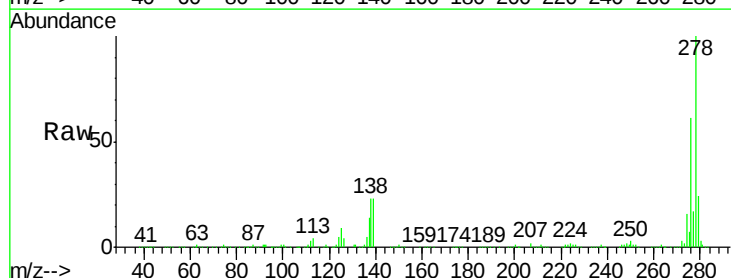
Tgt Ion: 278 Resp: 839509

Ion Ratio Lower Upper

278 100

139 22.7 15.3 22.9

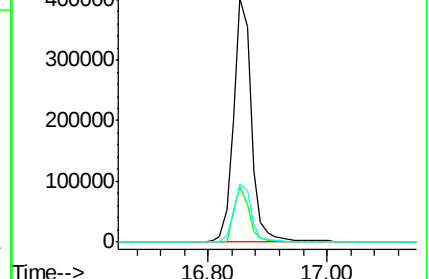
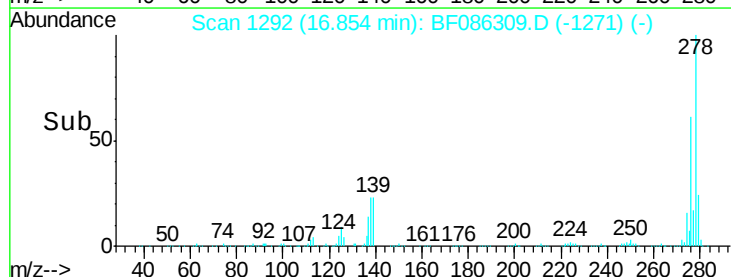
279 24.1 19.1 28.7

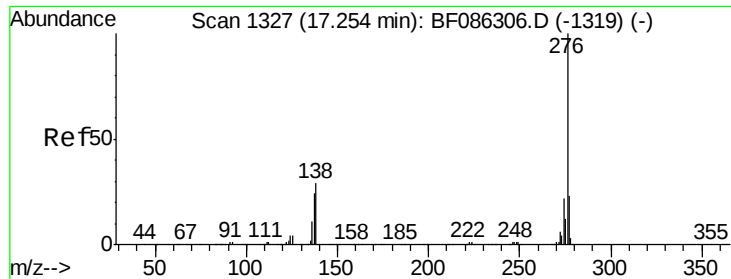


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.28 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.07 min

Lab File: BF086309.D

Acq: 20 Apr 2016 15:24

Instrument :

BNA_F

ClientSampleId :

PB89915BS

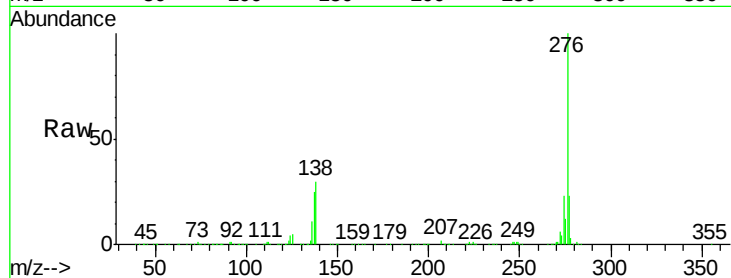
Tgt Ion:276 Resp: 811226

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 29.6 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

