

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086366.D
 Acq On : 23 Apr 2016 2:53
 Operator : UM/SJ
 Sample : PB89976BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Quant Time: Apr 23 03:27:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	170002	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	700386	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	350701	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	685643	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	514330	20.00	ng	0.00
86) Perylene-d12	15.40	264	476685	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1211862	123.11	ng	0.02
7) Phenol-d6	6.48	99	1473673	110.12	ng	0.00
23) Nitrobenzene-d5	7.40	82	943914	79.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	386480	121.74	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1694928	82.47	ng	0.00
78) Terphenyl-d14	12.94	244	1562253	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	166554	30.60	ng	98
3) Pyridine	3.21	79	445421	34.34	ng	95
4) n-Nitrosodimethylamine	3.15	42	177318	36.03	ng	99
6) Aniline	6.51	93	273328	16.74	ng	94
8) 2-Chlorophenol	6.62	128	458081	38.11	ng	100
9) Benzaldehyde	6.38	77	74571	9.17	ng	96
10) Phenol	6.49	94	587774	37.19	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	474689	34.50	ng	98
12) 1,3-Dichlorobenzene	6.78	146	489213	38.17	ng	98
13) 1,4-Dichlorobenzene	6.86	146	511018	36.30	ng	98
14) 1,2-Dichlorobenzene	7.01	146	484934	37.91	ng	97
15) Benzyl Alcohol	6.99	79	308884	38.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	621581	34.47	ng	99
17) 2-Methylphenol	7.10	107	379924	38.58	ng	99
18) Hexachloroethane	7.36	117	175407	36.99	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	293036	36.64	ng	# 86
20) 3+4-Methylphenols	7.25	107	427177	40.92	ng	96
22) Acetophenone	7.25	105	602003	40.97	ng	# 96
24) Nitrobenzene	7.42	77	478078	37.70	ng	94
25) Isophorone	7.66	82	876033	37.81	ng	97
26) 2-Nitrophenol	7.74	139	264033	42.14	ng	97
27) 2,4-Dimethylphenol	7.78	122	443259	41.31	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	553983	42.82	ng	100
29) 2,4-Dichlorophenol	7.98	162	407512	45.95	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	390661	40.55	ng	95
31) Naphthalene	8.14	128	1338036	37.50	ng	98
32) Benzoic acid	7.90	122	265247	38.67	ng	95
33) 4-Chloroaniline	8.20	127	99168	7.14	ng	97
34) Hexachlorobutadiene	8.27	225	197852	41.13	ng	97
35) Caprolactam	8.56	113	78453	24.65	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	449707	42.66	ng	99
37) 2-Methylnaphthalene	8.84	142	905668	44.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	317167	34.96	ng	98
40) Hexachlorocyclopentadiene	8.99	237	369633	83.41	ng	95

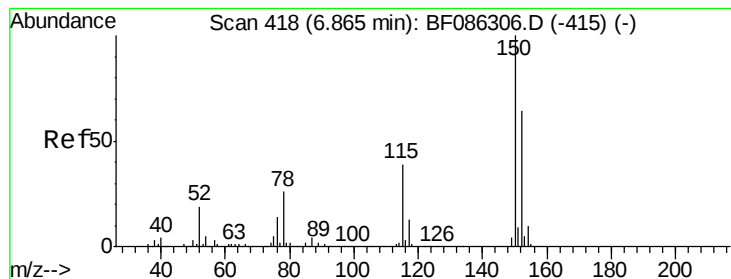
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	246175	41.38	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	292926	39.99	ng	99
45) 1,1'-Biphenyl	9.30	154	1051042	38.63	ng	96
46) 2-Chloronaphthalene	9.33	162	837094	38.87	ng	97
47) 2-Nitroaniline	9.42	65	279693	41.71	ng	97
48) Acenaphthylene	9.74	152	1410296	40.39	ng	98
49) Dimethylphthalate	9.61	163	1017390	40.16	ng	100
50) 2,6-Dinitrotoluene	9.66	165	228448	41.74	ng	95
51) Acenaphthene	9.92	154	953167	44.44	ng	100
52) 3-Nitroaniline	9.84	138	92192	13.46	ng	99
53) 2,4-Dinitrophenol	9.94	184	240351	84.48	ng	90
54) Dibenzofuran	10.09	168	1194742	43.37	ng	100
55) 4-Nitrophenol	10.00	139	387847	80.90	ng	85
56) 2,4-Dinitrotoluene	10.06	165	305733	42.07	ng	98
57) Fluorene	10.43	166	912614	40.43	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	245777	45.91	ng	95
59) Diethylphthalate	10.30	149	939417	38.72	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	376085	38.10	ng	97
61) 4-Nitroaniline	10.45	138	270821	38.62	ng	97
62) Azobenzene	10.58	77	1059698	42.12	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	163455	39.01	ng	99
65) n-Nitrosodiphenylamine	10.54	169	837636	39.62	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	257764	38.39	ng	94
67) Hexachlorobenzene	10.97	284	264177	36.88	ng	# 60
68) Atrazine	11.07	200	265263	40.64	ng	99
69) Pentachlorophenol	11.16	266	324264	77.09	ng	97
70) Phenanthrene	11.39	178	1335696	38.77	ng	100
71) Anthracene	11.44	178	1450947	36.76	ng	100
72) Carbazole	11.60	167	1489458	40.17	ng	99
73) Di-n-butylphthalate	11.93	149	1545568	39.63	ng	100
74) Fluoranthene	12.57	202	1414422	38.07	ng	97
76) Benzidine	12.69	184	449840	21.33	ng	97
77) Pyrene	12.80	202	1385714	38.63	ng	99
79) Butylbenzylphthalate	13.43	149	688422	41.20	ng	94
80) Benzo(a)anthracene	13.99	228	1018272	38.14	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	157435	8.55	ng	# 96
82) Chrysene	14.02	228	1248000	41.49	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	757558	40.49	ng	99
84) Di-n-octyl phthalate	14.59	149	1496770	41.67	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1003770	37.54	ng	99
87) Benzo(b)fluoranthene	15.04	252	2203107	84.20	ng	# 96
88) Benzo(k)fluoranthene	15.04	252	2206140	85.91	ng	99
89) Benzo(a)pyrene	15.36	252	1051202	40.73	ng	100
90) Dibenzo(a,h)anthracene	16.81	278	836386	39.28	ng	97
91) Benzo(g,h,i)perylene	17.20	276	854288	38.87	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

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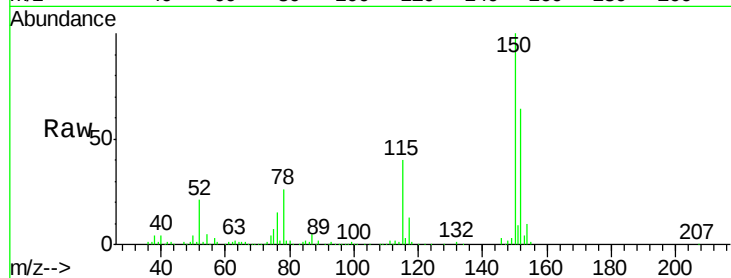
Tgt Ion:152 Resp: 170002

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

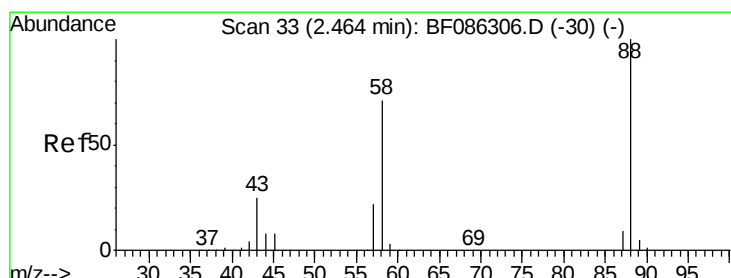
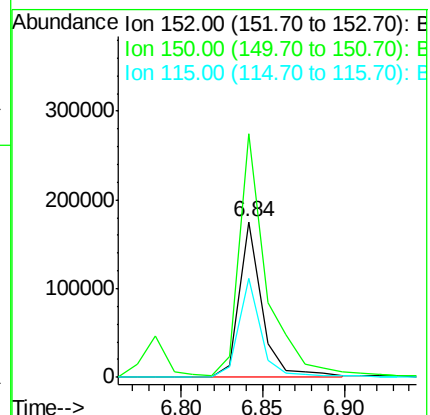
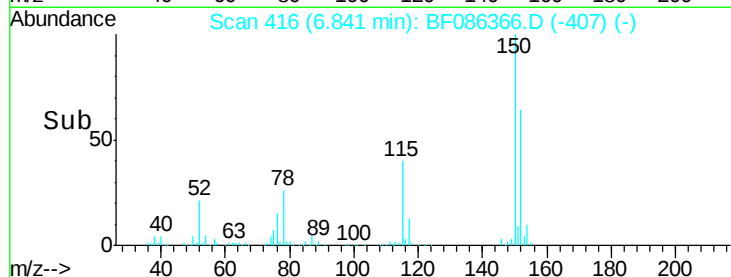
115 63.3 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.60 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.08 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

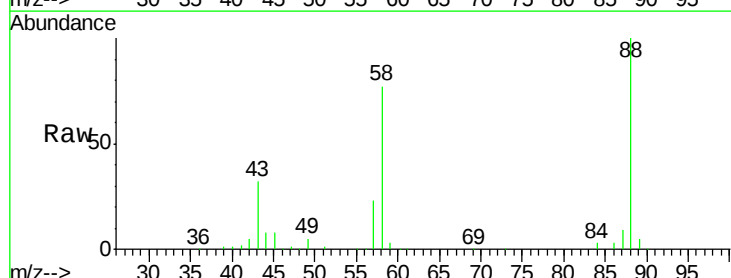
Tgt Ion: 88 Resp: 166554

Ion Ratio Lower Upper

88 100

58 72.3 59.6 89.4

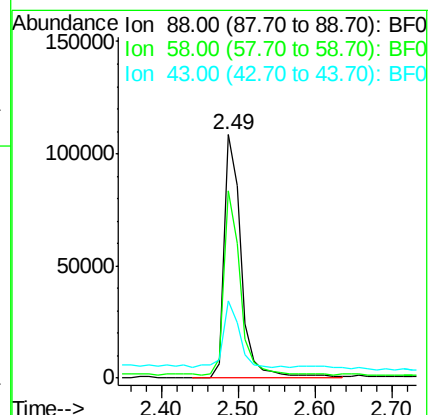
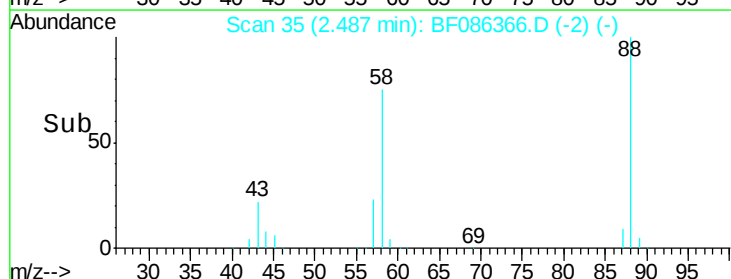
43 26.6 21.8 32.6

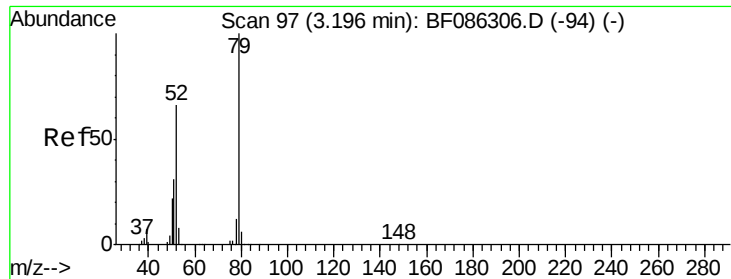


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.34 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

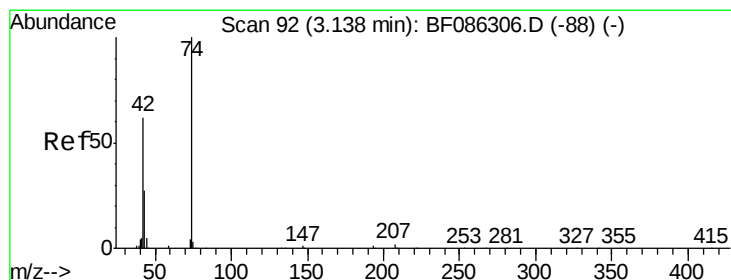
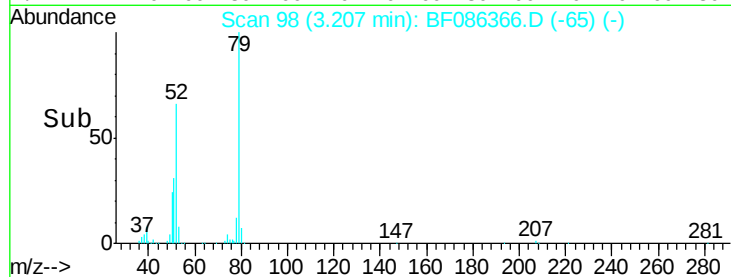
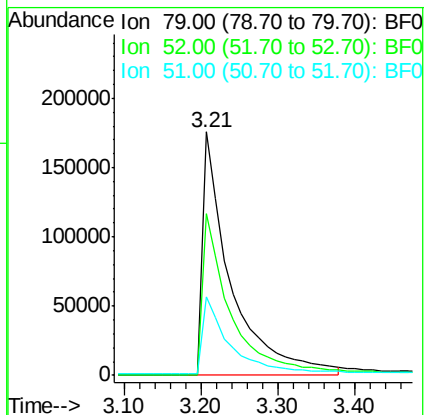
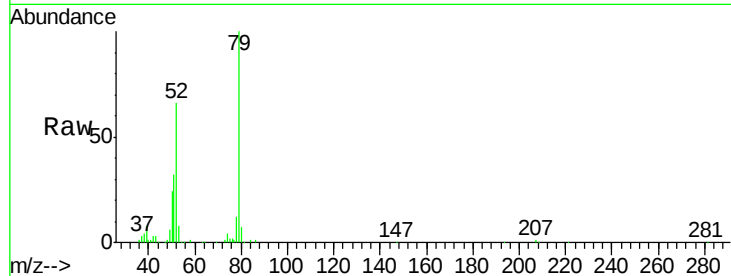
Tgt Ion: 79 Resp: 445421

Ion Ratio Lower Upper

79 100

52 66.2 55.9 83.9

51 32.0 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 36.03 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.08 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

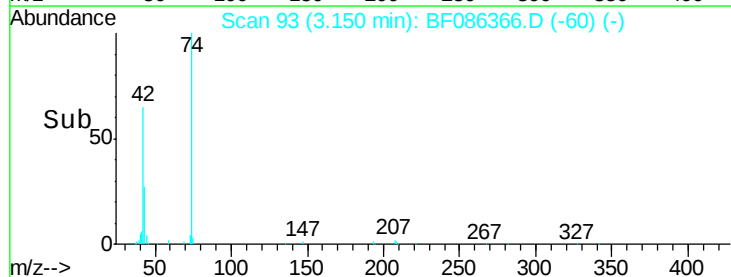
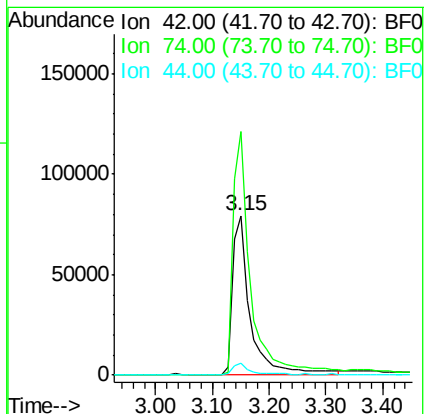
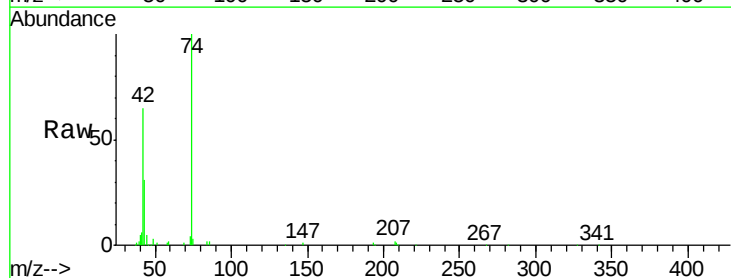
Tgt Ion: 42 Resp: 177318

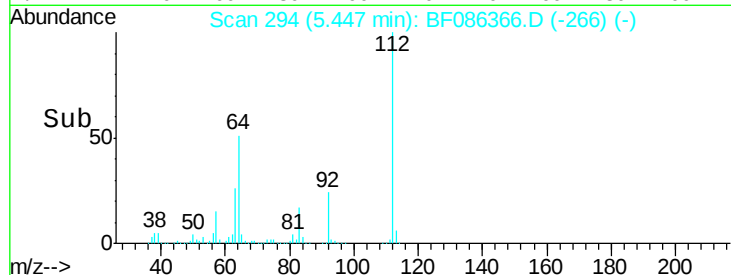
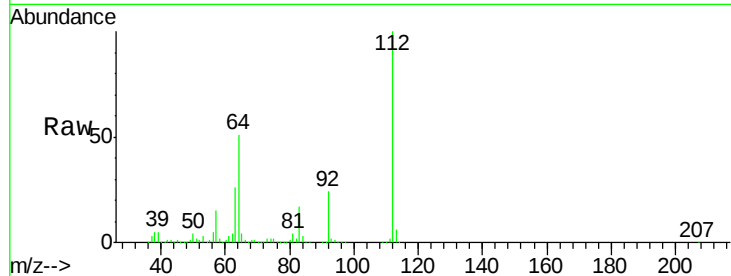
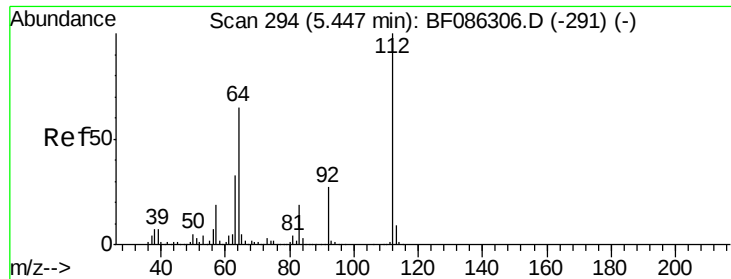
Ion Ratio Lower Upper

42 100

74 152.7 123.4 185.0

44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 123.11 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

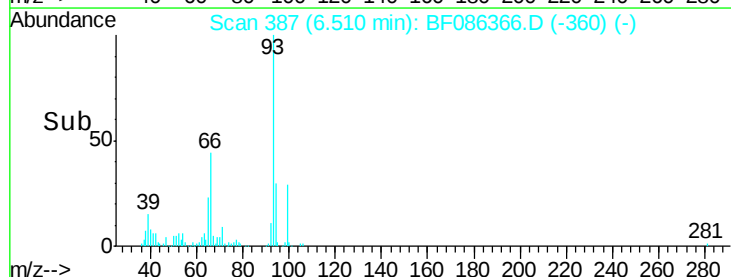
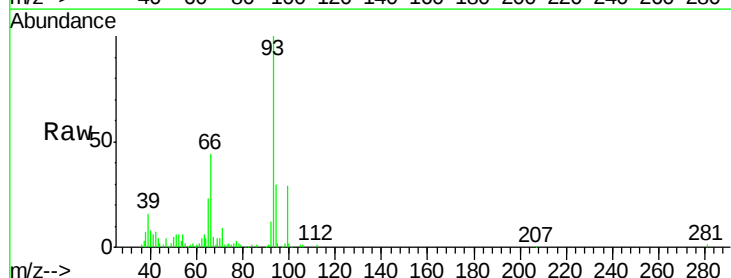
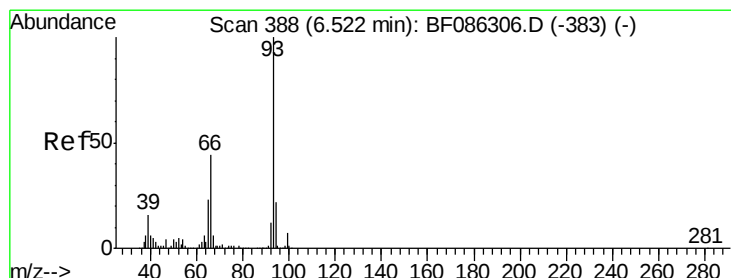
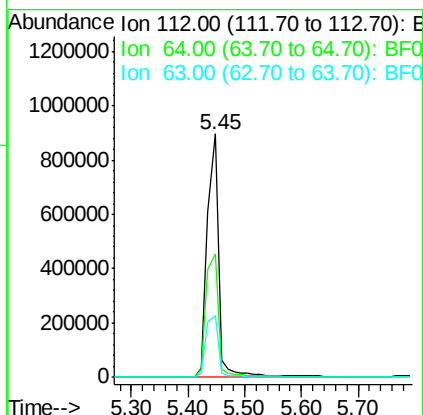
Tgt Ion: 112 Resp: 1211862

Ion Ratio Lower Upper

112 100

64 50.6 52.1 78.1#

63 25.6 25.7 38.5#



#6

Aniline

Concen: 16.74 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

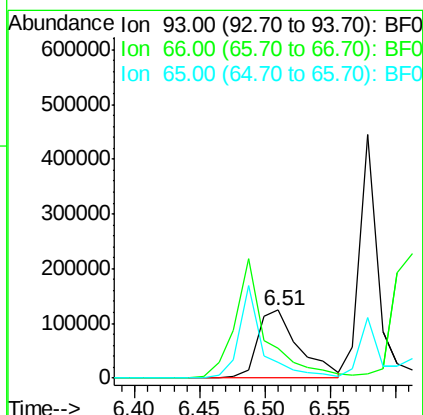
Tgt Ion: 93 Resp: 273328

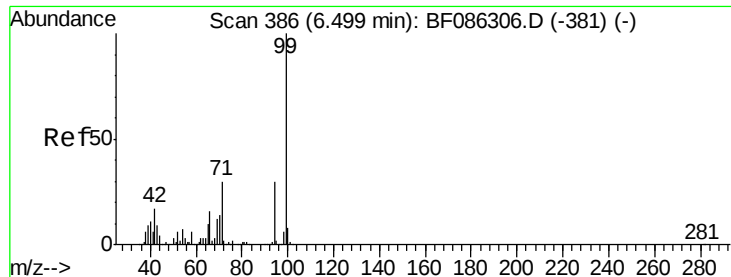
Ion Ratio Lower Upper

93 100

66 44.2 39.0 58.6

65 23.1 20.6 31.0





#7

Phenol-d6

Concen: 110.12 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

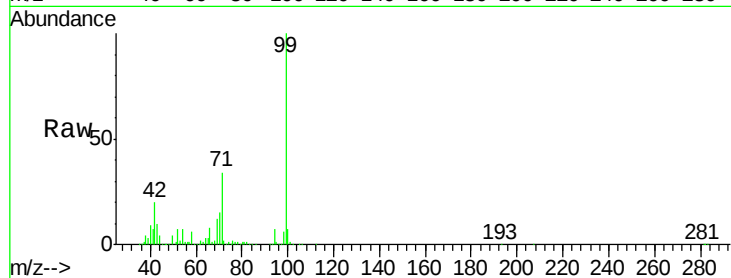
Tgt Ion: 99 Resp: 1473673

Ion Ratio Lower Upper

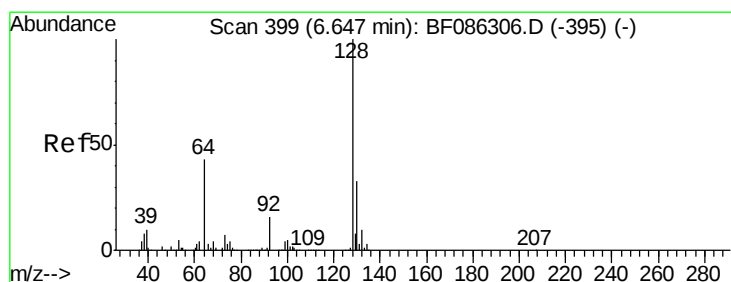
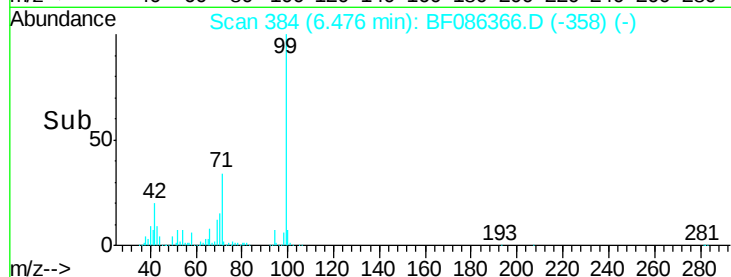
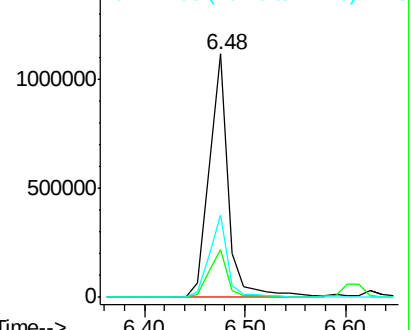
99 100

42 19.6 13.6 20.4

71 33.7 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.11 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

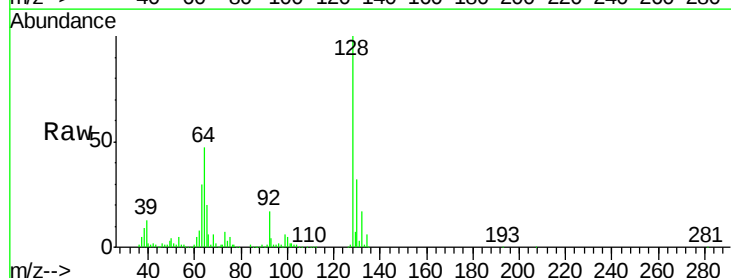
Tgt Ion: 128 Resp: 458081

Ion Ratio Lower Upper

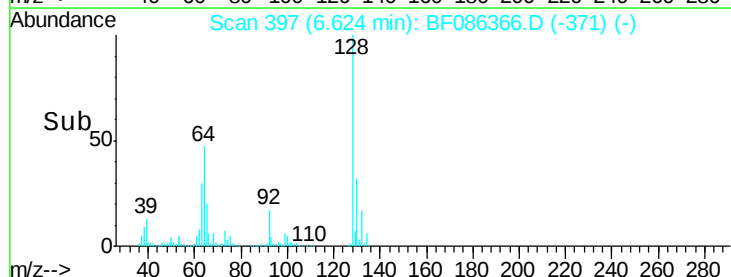
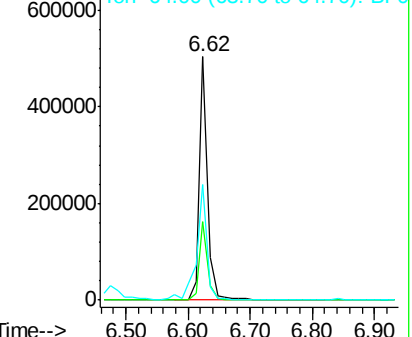
128 100

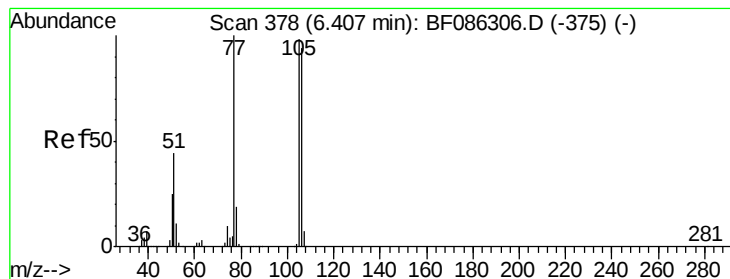
130 32.4 12.5 52.5

64 47.2 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.17 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

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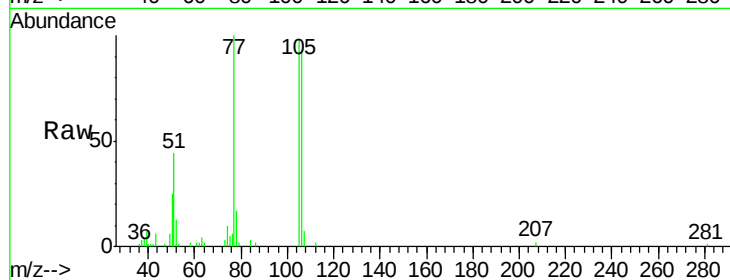
Tgt Ion: 77 Resp: 74571

Ion Ratio Lower Upper

77 100

105 97.9 72.7 112.7

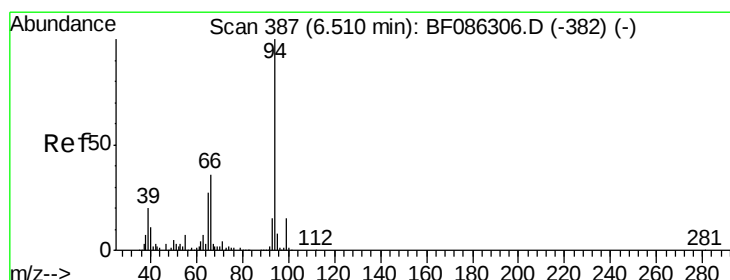
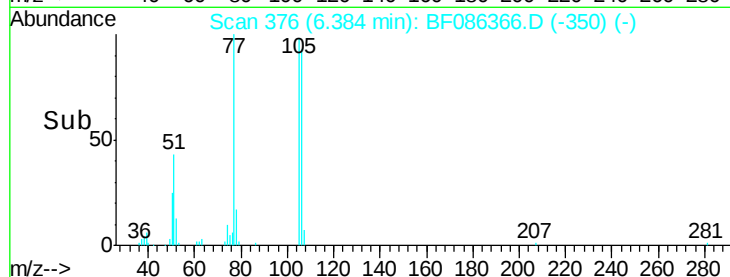
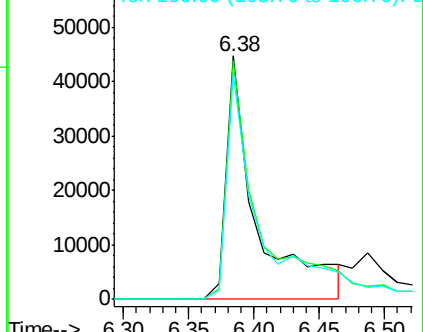
106 92.7 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.19 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

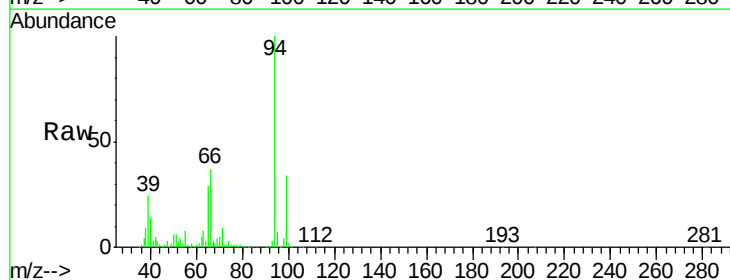
Tgt Ion: 94 Resp: 587774

Ion Ratio Lower Upper

94 100

65 28.7 7.2 47.2

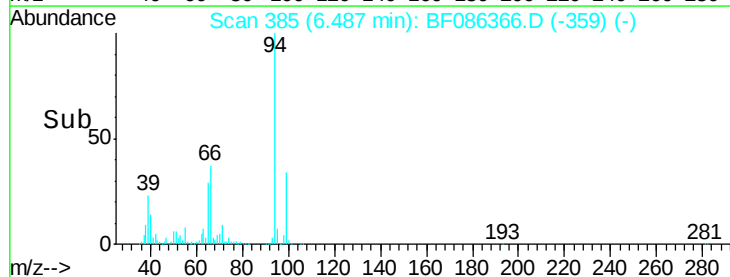
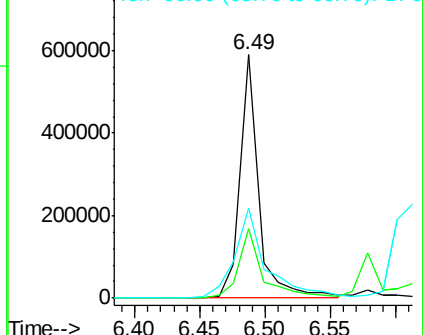
66 37.1 14.9 54.9

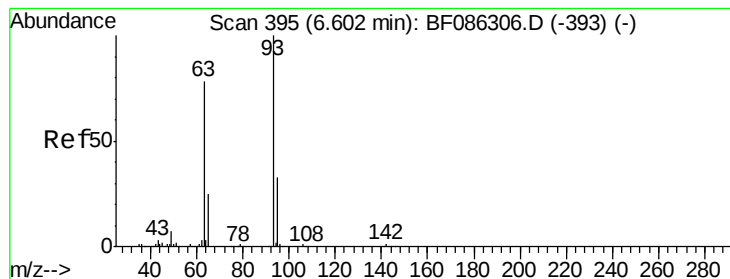


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.50 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

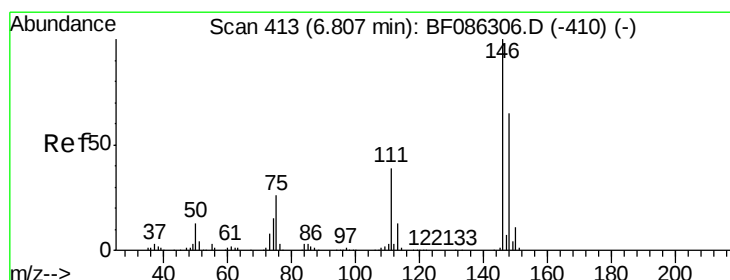
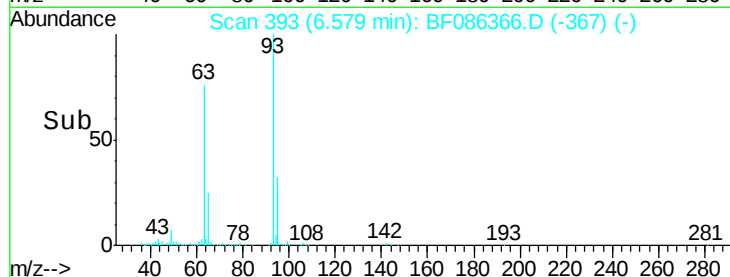
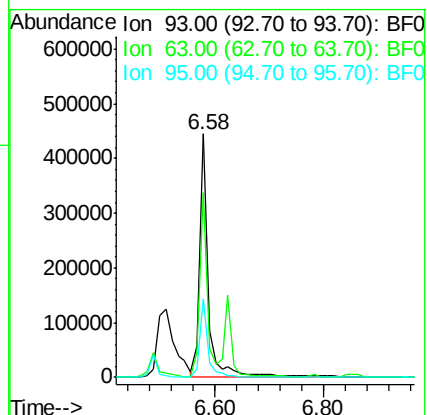
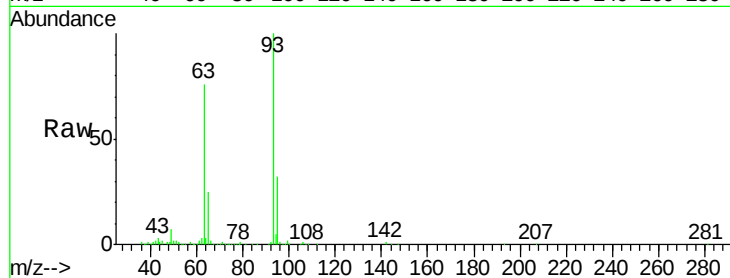
Tgt Ion: 93 Resp: 474689

Ion Ratio Lower Upper

93 100

63 76.1 58.0 98.0

95 32.0 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 38.17 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

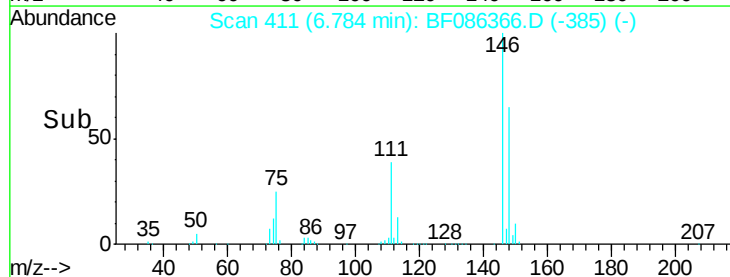
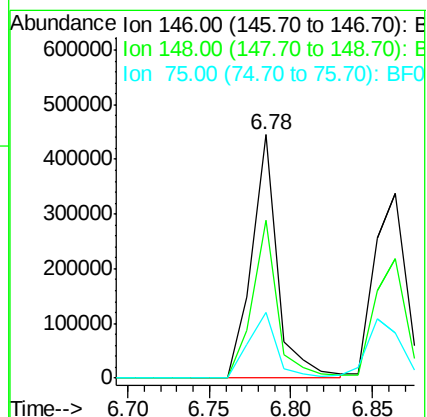
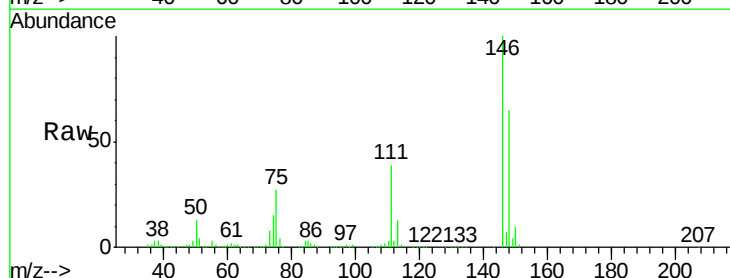
Tgt Ion: 146 Resp: 489213

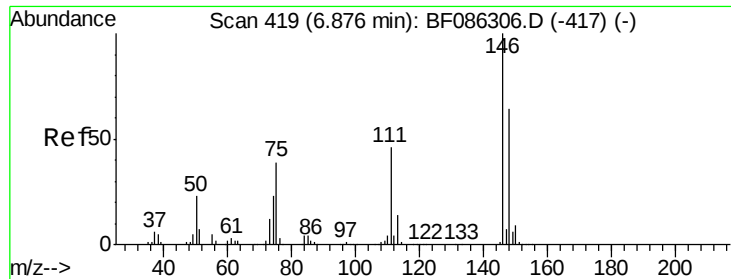
Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

75 26.8 22.8 34.2

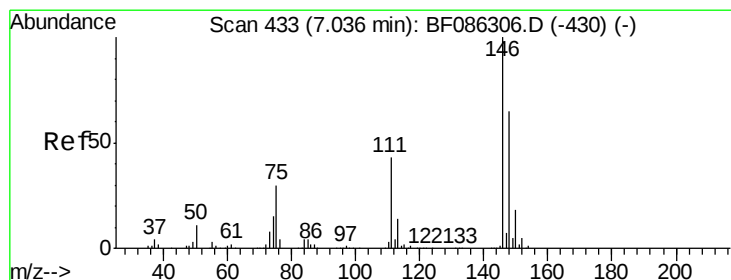
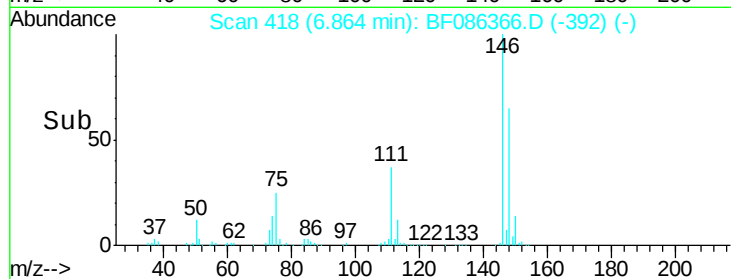
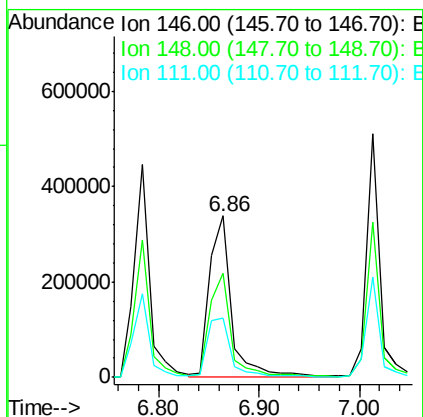
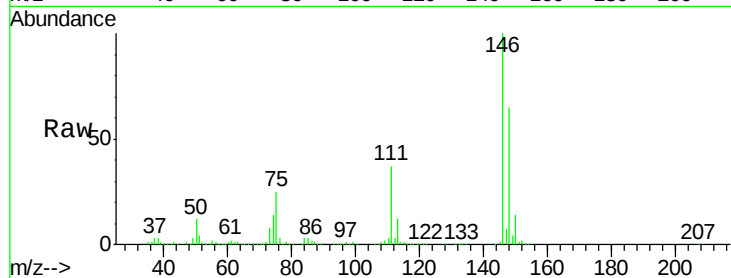




#13
 1,4-Dichlorobenzene
 Concen: 36.30 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

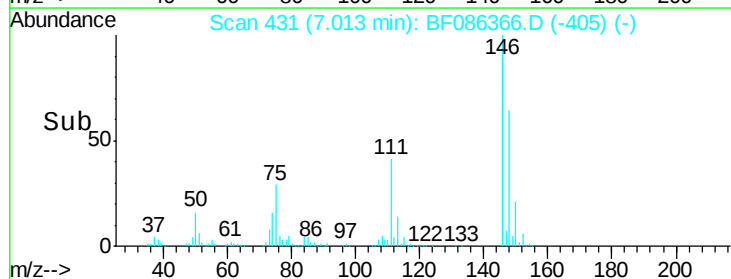
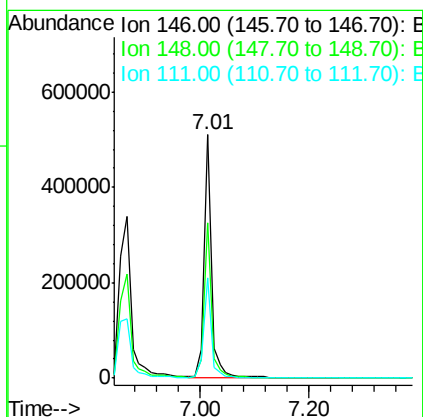
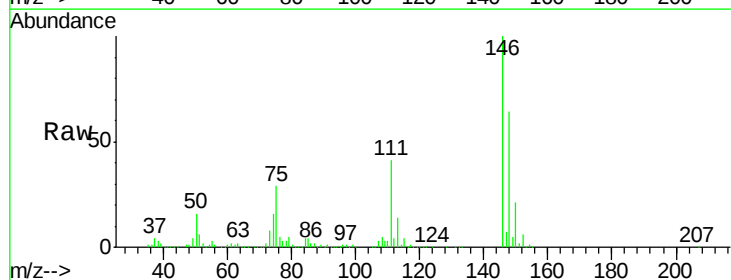
Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

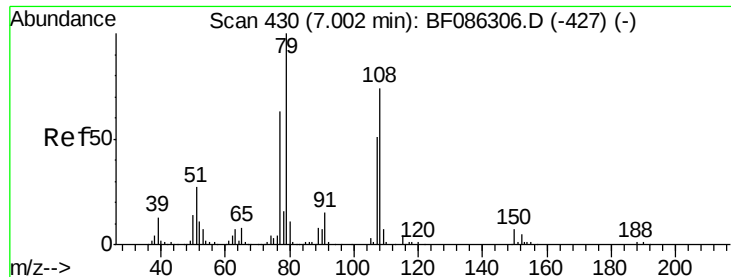
Tgt Ion:146 Resp: 511018
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 36.7 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 37.91 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion:146 Resp: 484934
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 41.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 38.89 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

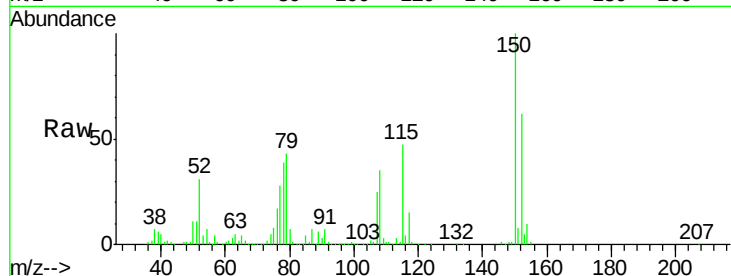
Tgt Ion: 79 Resp: 308884

Ion Ratio Lower Upper

79 100

108 82.2 68.4 102.6

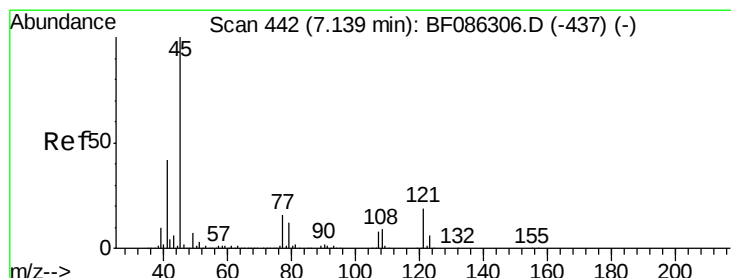
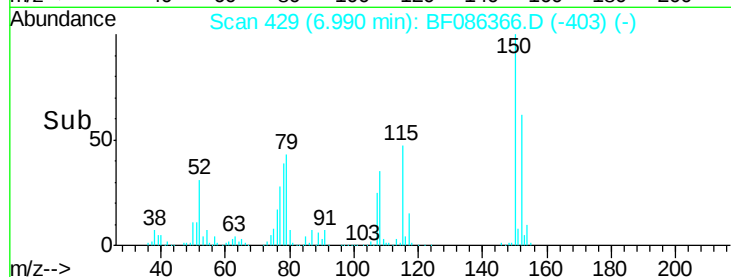
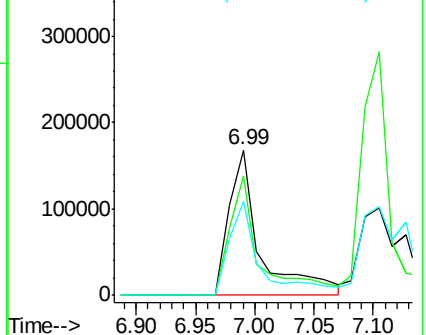
77 64.7 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.47 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

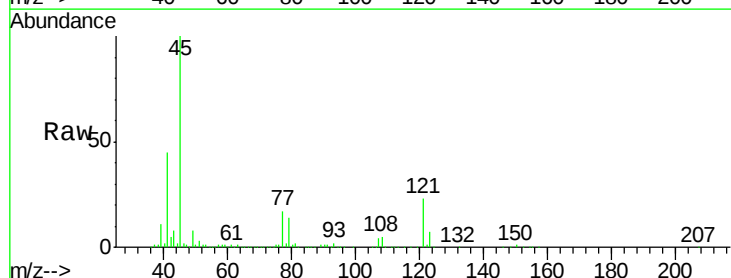
Tgt Ion: 45 Resp: 621581

Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.4

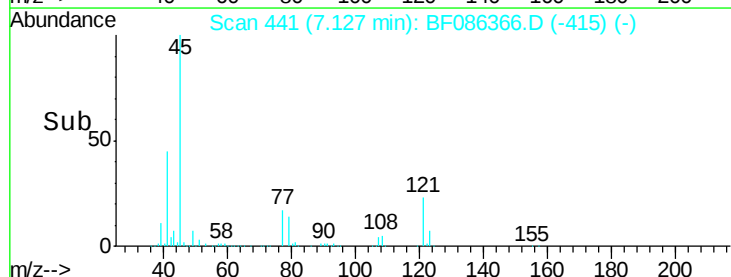
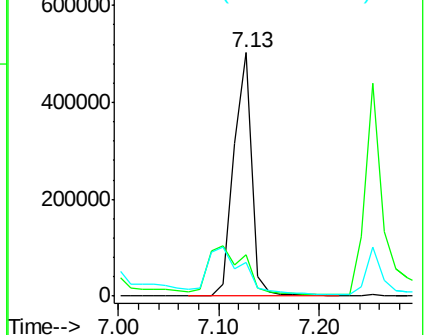
79 14.1 0.0 33.4

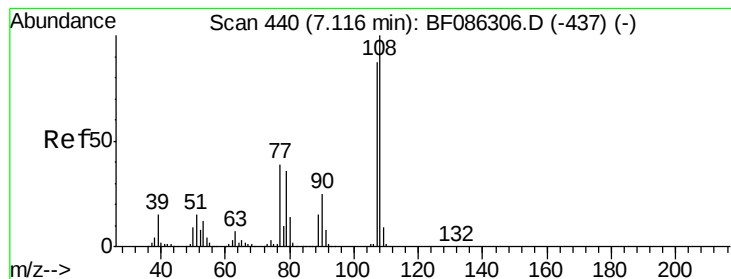


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.58 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

Tgt Ion:107 Resp: 379924

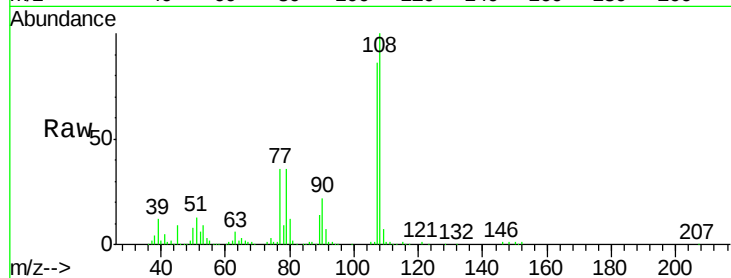
Ion Ratio Lower Upper

107 100

108 116.8 93.7 140.5

77 42.5 33.4 50.0

79 42.2 34.3 51.5

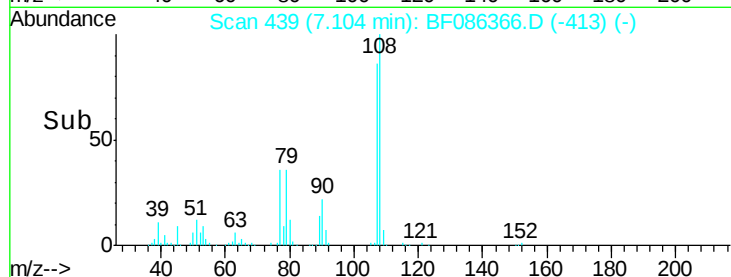


Abundance Ion 107.00 (106.70 to 107.70): E

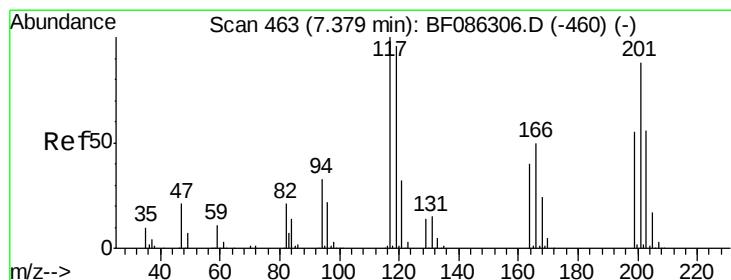
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 36.99 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

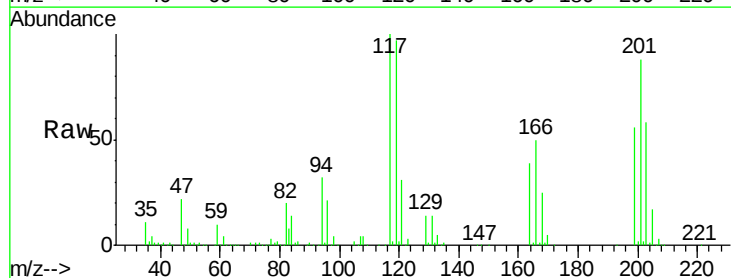
Tgt Ion:117 Resp: 175407

Ion Ratio Lower Upper

117 100

119 96.8 76.5 114.7

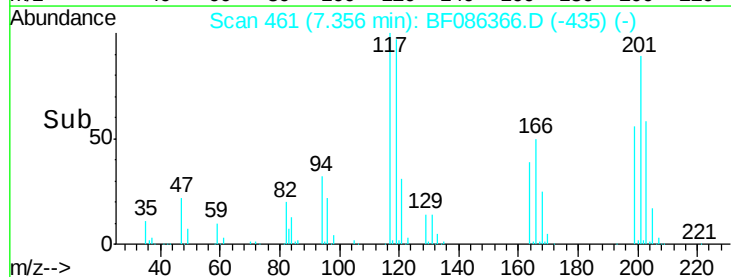
201 88.2 63.0 94.6



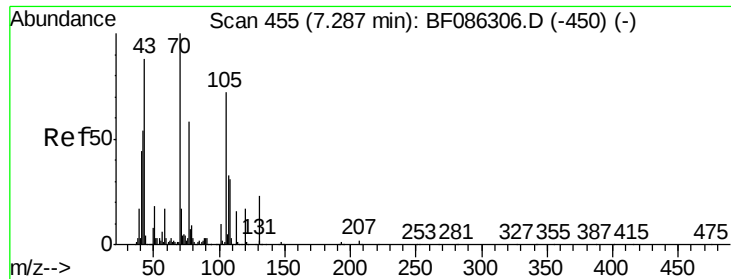
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



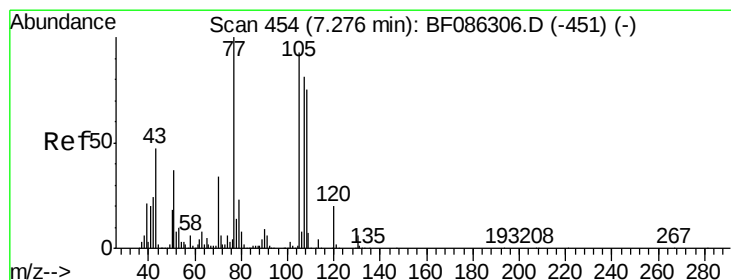
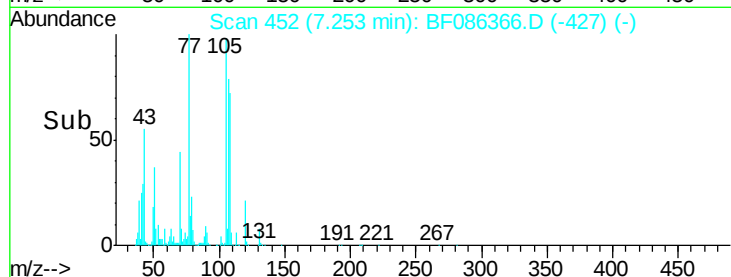
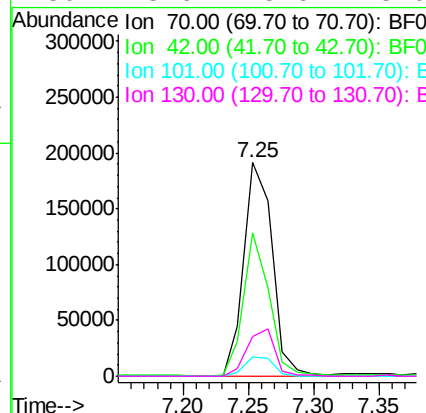
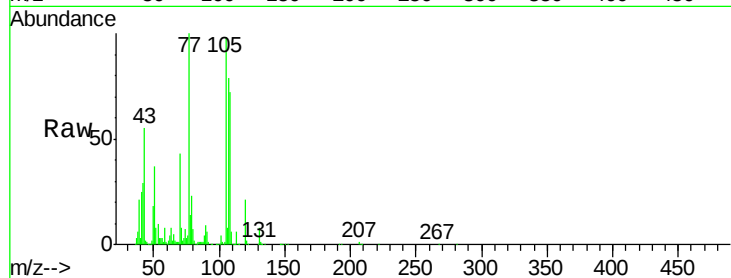
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.64 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

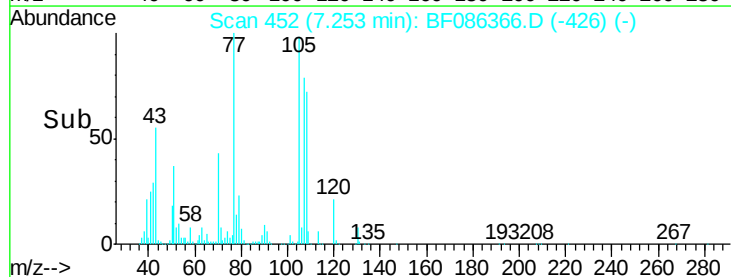
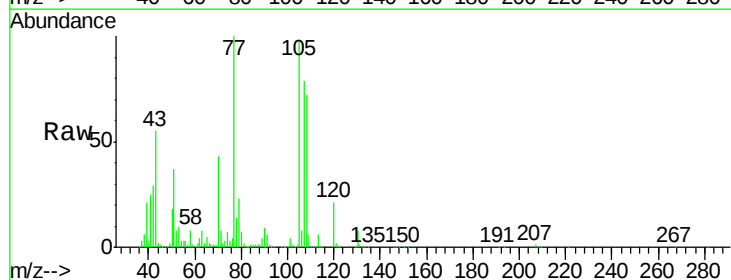
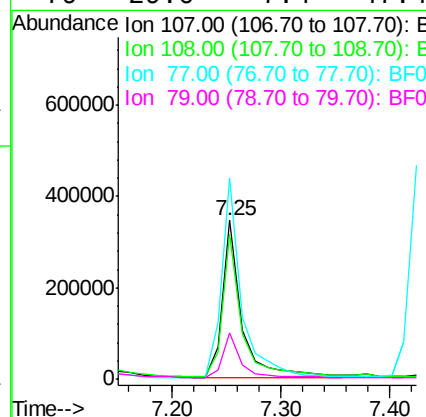
Instrument :
BNA_F
ClientSampleId :
PB89976BS

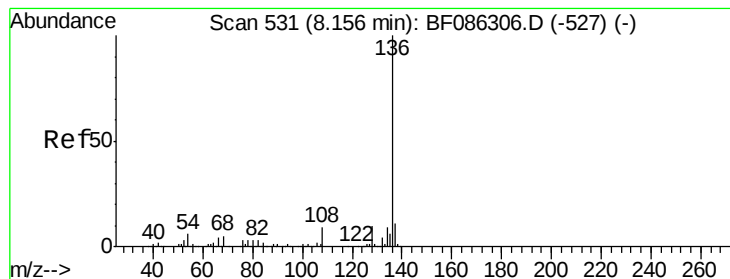
Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.2	43.1	64.7#
101	8.8	8.1	12.1
130	18.6	18.6	28.0#



#20
3+4-Methylphenols
Concen: 40.92 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.5	108.5
77	126.8	101.6	141.6
79	29.0	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

Tgt Ion:136 Resp: 700386

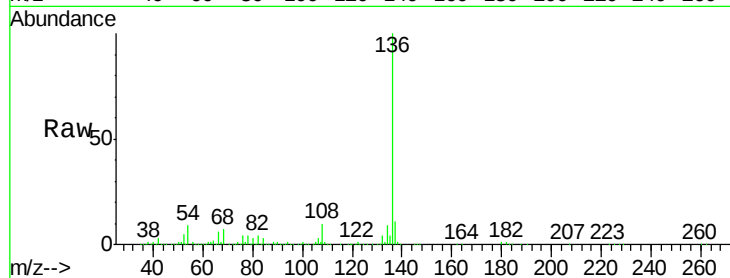
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.4 5.0 7.4#

68 7.2 4.4 6.6#

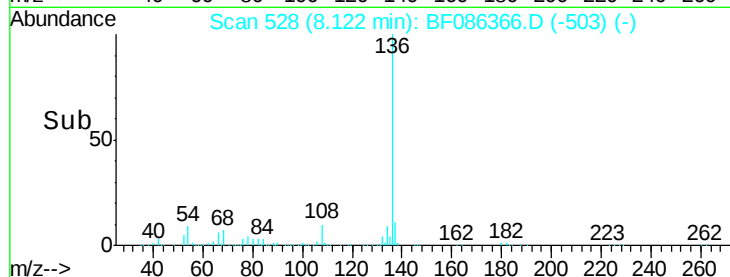


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

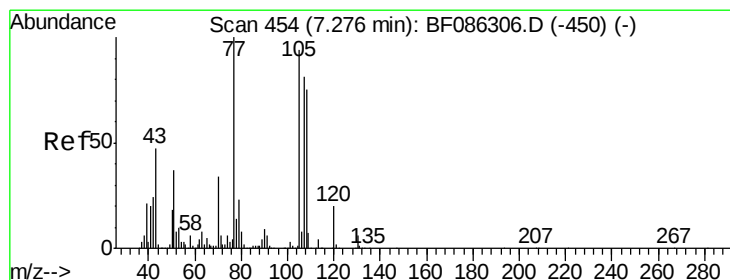
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.12



#22

Acetophenone

Concen: 40.97 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:105 Resp: 602003

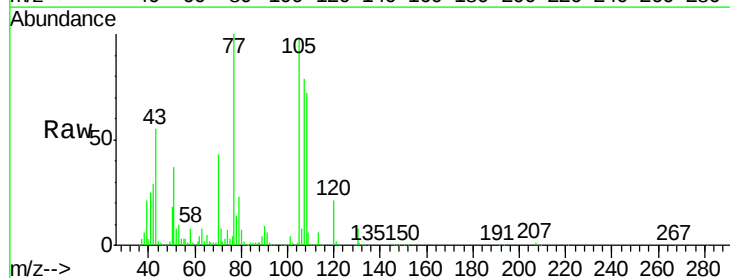
Ion Ratio Lower Upper

105 100

71 7.9 4.8 7.2#

51 37.6 32.6 49.0

120 20.9 16.5 24.7

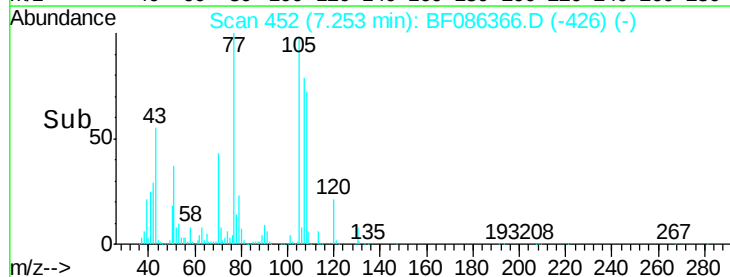


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

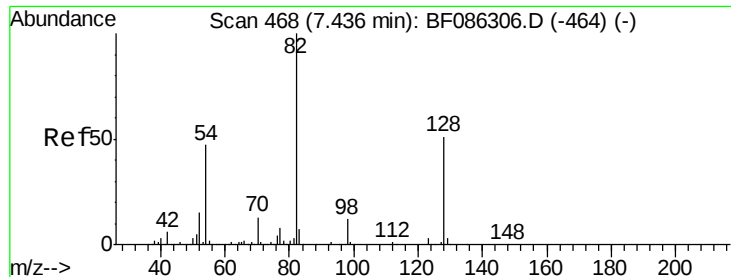
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

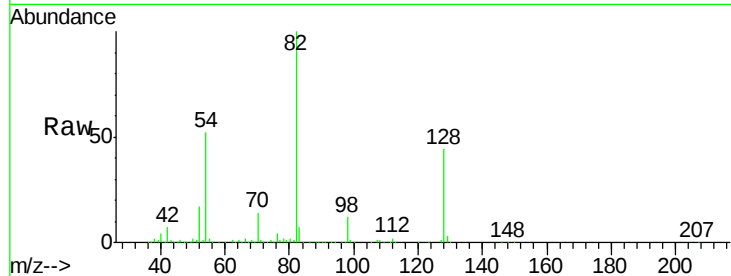
7.25



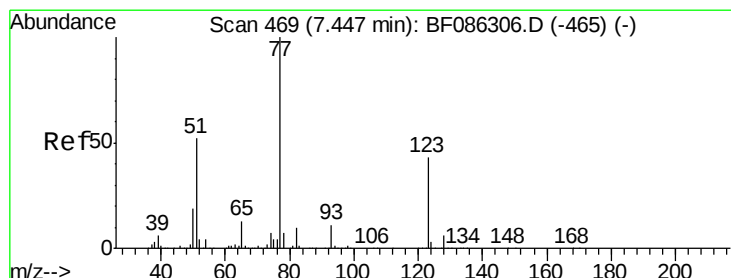
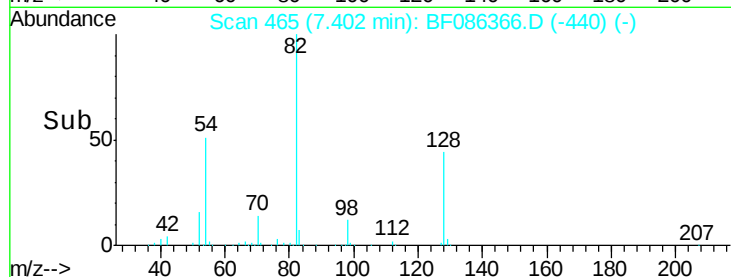
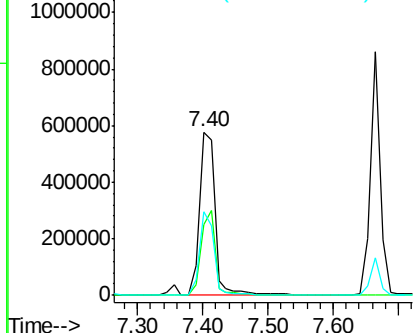
#23
 Nitrobenzene-d5
 Concen: 79.84 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Tgt Ion: 82 Resp: 943914
 Ion Ratio Lower Upper
 82 100
 128 43.7 40.6 61.0
 54 51.6 38.1 57.1

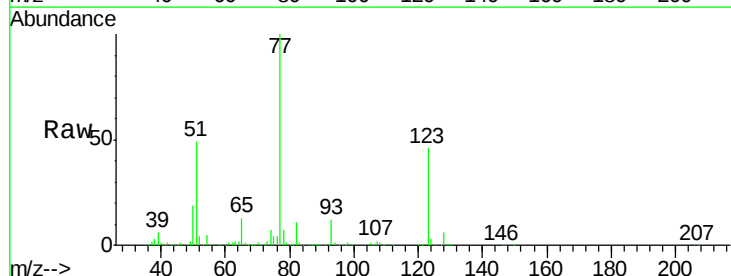


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

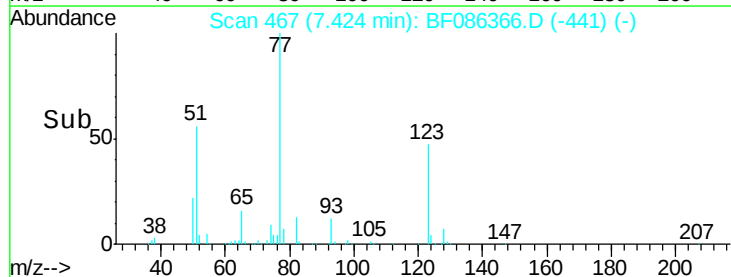
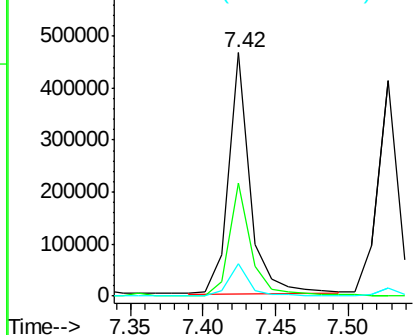


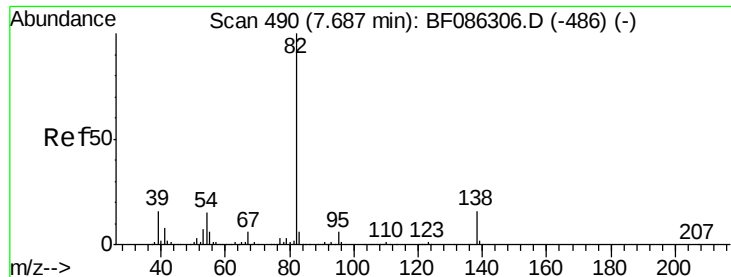
#24
 Nitrobenzene
 Concen: 37.70 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion: 77 Resp: 478078
 Ion Ratio Lower Upper
 77 100
 123 46.3 33.0 49.4
 65 13.1 10.8 16.2



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

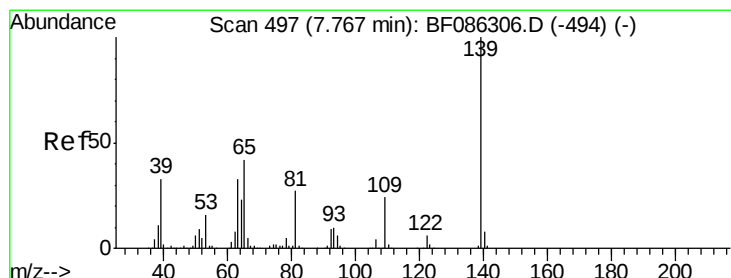
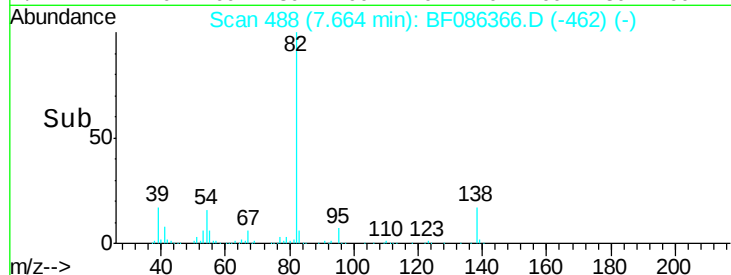
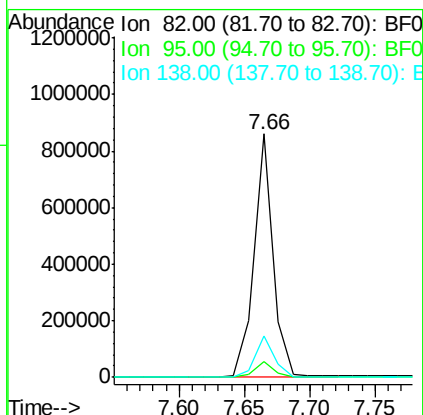
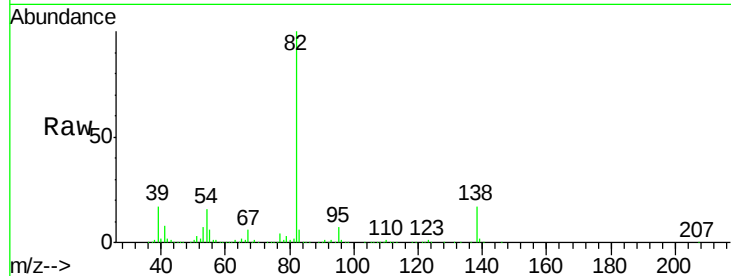




#25
Isophorone
Concen: 37.81 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

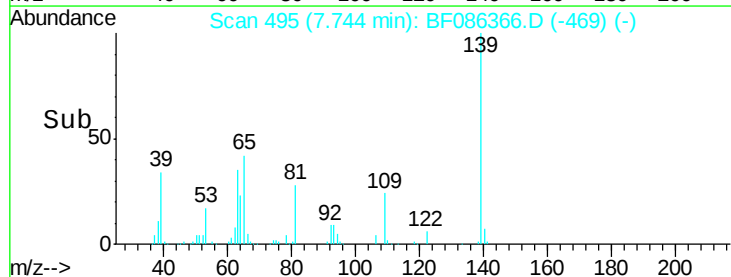
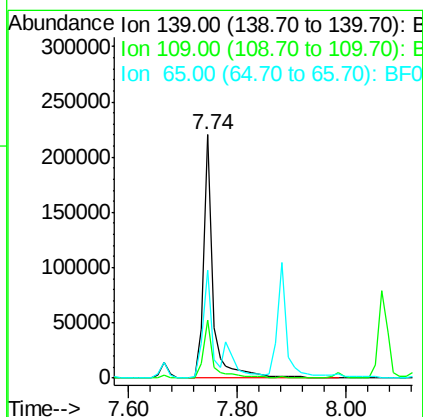
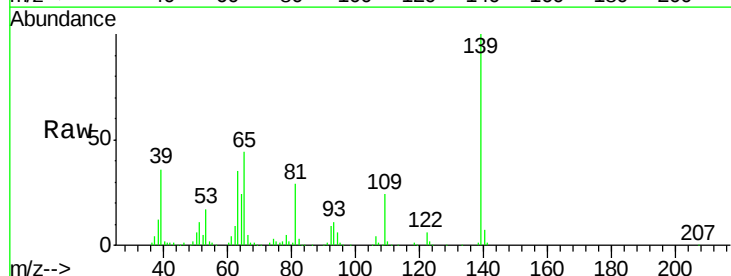
Instrument :
BNA_F
ClientSampleId :
PB89976BS

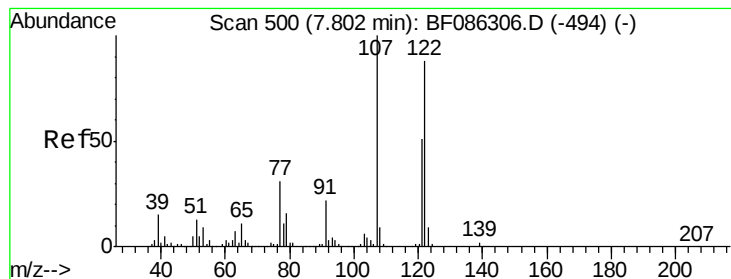
Tgt Ion: 82 Resp: 876033
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.9 12.4 18.6



#26
2-Nitrophenol
Concen: 42.14 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion: 139 Resp: 264033
Ion Ratio Lower Upper
139 100
109 23.9 19.5 29.3
65 44.2 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 41.31 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

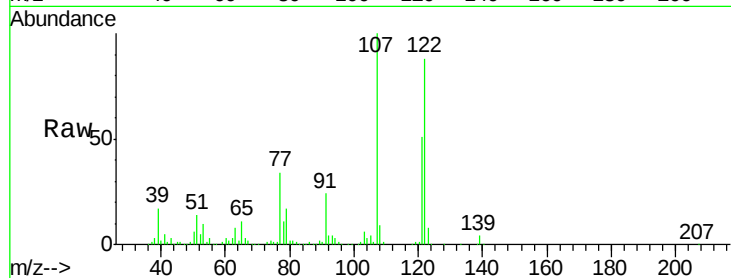
Tgt Ion:122 Resp: 443259

Ion Ratio Lower Upper

122 100

107 113.6 82.0 123.0

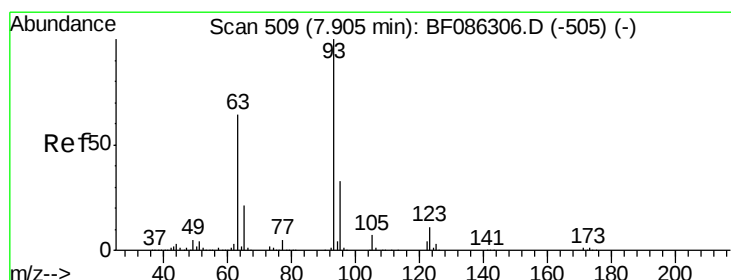
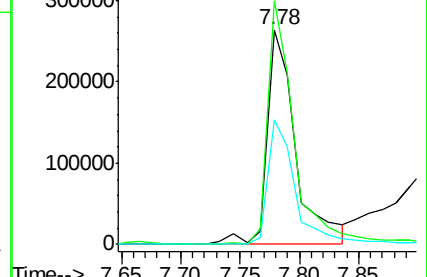
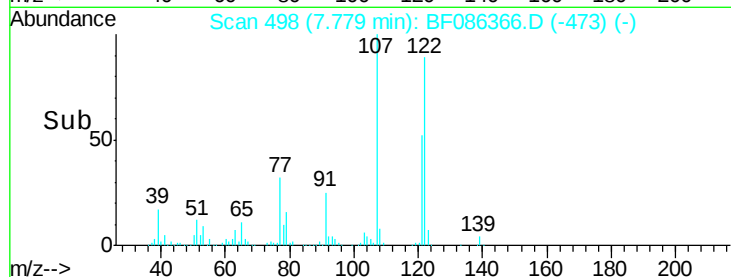
121 58.3 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.82 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

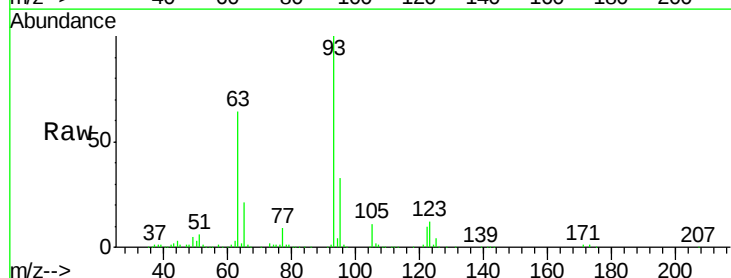
Tgt Ion: 93 Resp: 553983

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

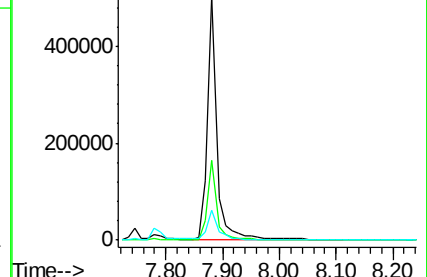
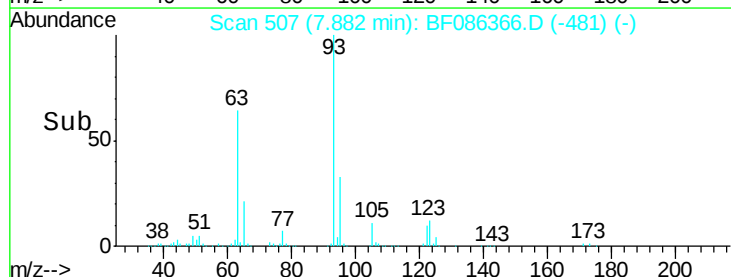
123 12.1 9.5 14.3

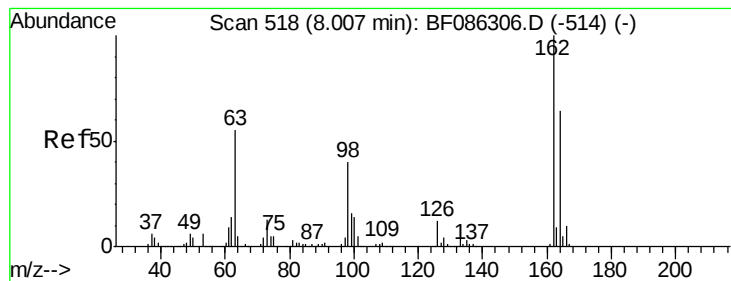


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.95 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

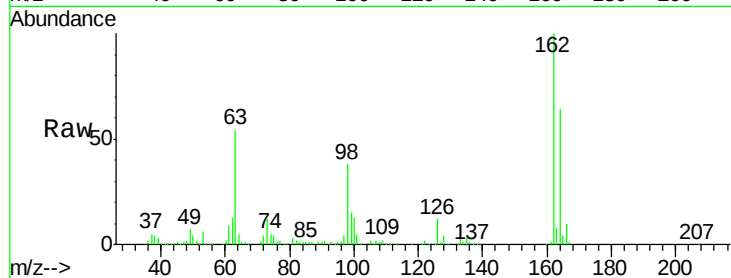
Tgt Ion:162 Resp: 407512

Ion Ratio Lower Upper

162 100

164 63.6 42.2 82.2

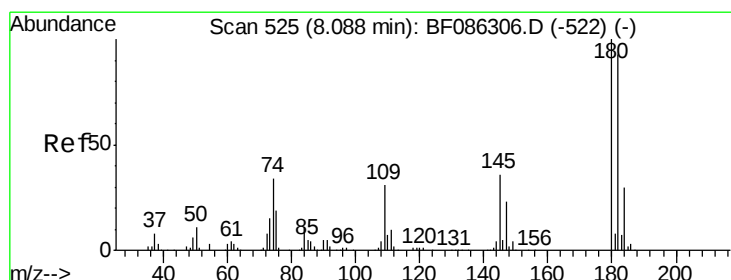
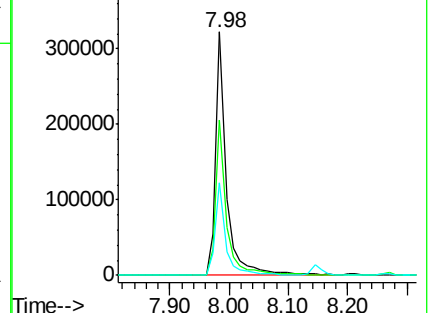
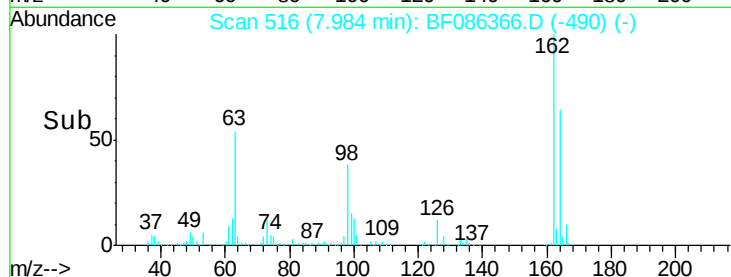
98 37.9 19.0 59.0



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: 40.55 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

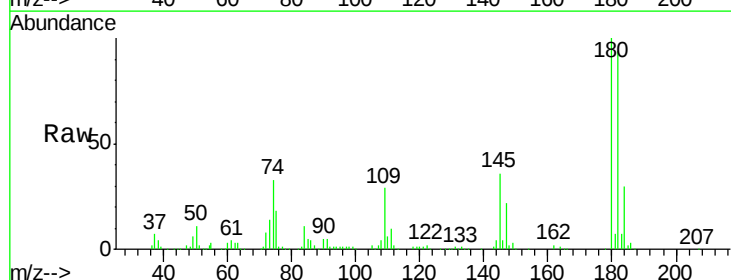
Tgt Ion:180 Resp: 390661

Ion Ratio Lower Upper

180 100

182 93.5 78.0 117.0

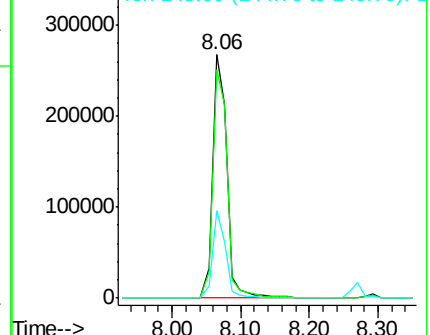
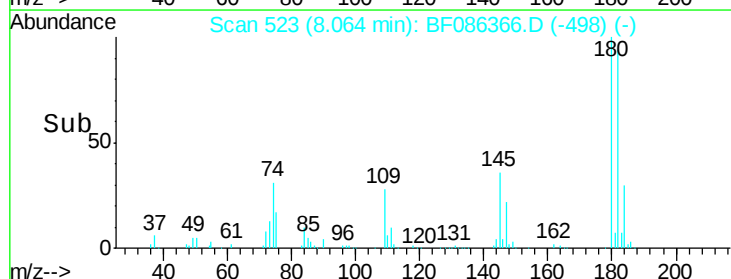
145 35.8 24.2 36.2

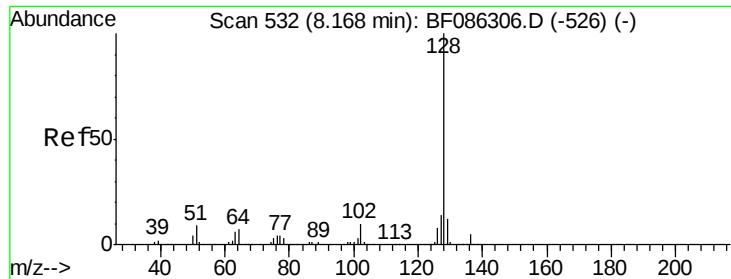


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

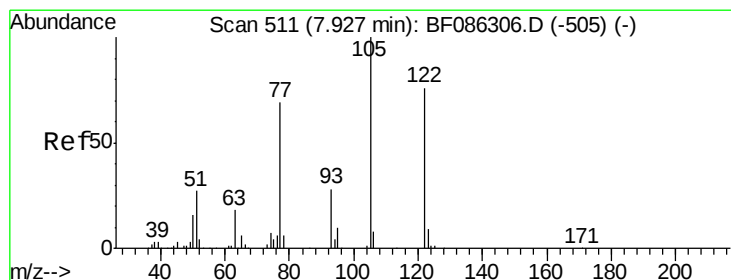
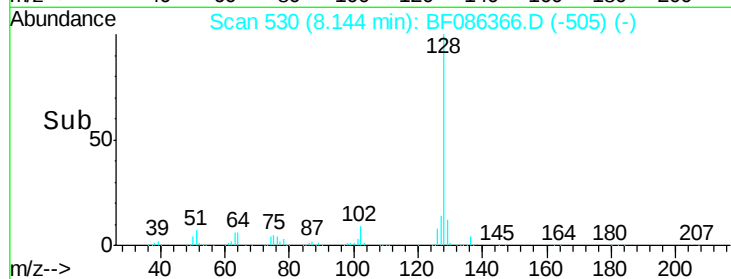
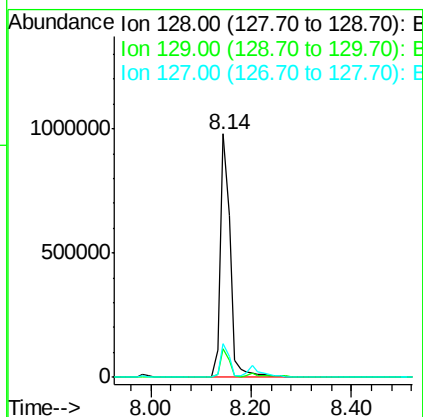
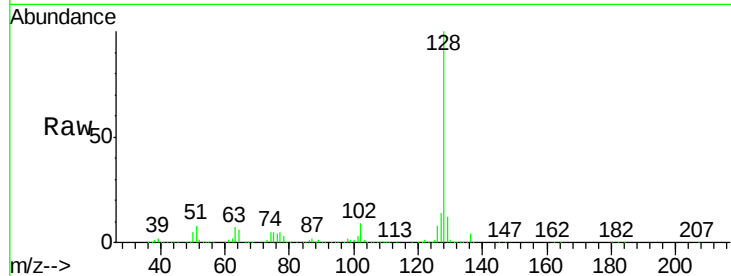




#31
Naphthalene
Concen: 37.50 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

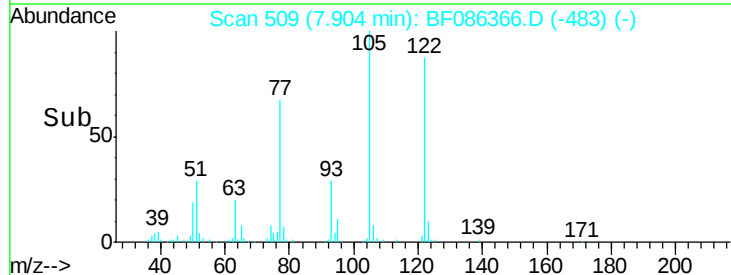
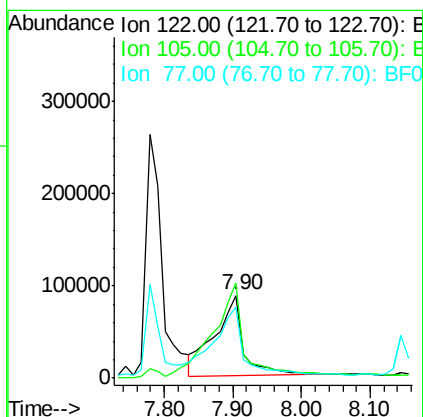
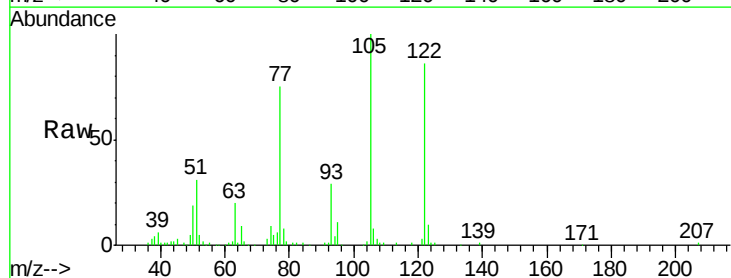
Instrument :
BNA_F
ClientSampleId :
PB89976BS

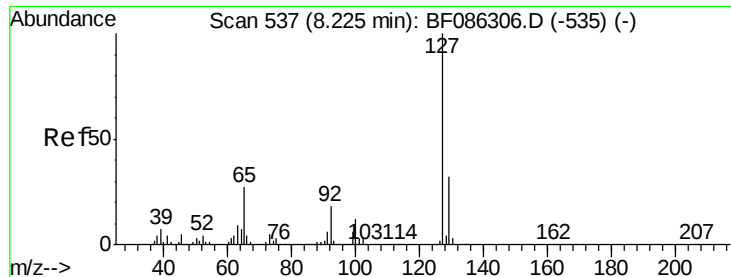
Tgt Ion:128 Resp: 1338036
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 38.67 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:122 Resp: 265247
Ion Ratio Lower Upper
122 100
105 115.6 92.6 132.6
77 86.4 60.0 100.0

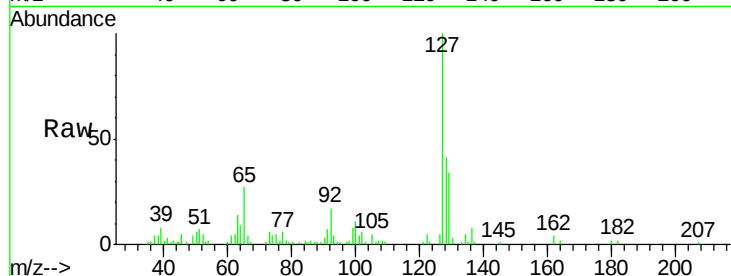




#33
4-Chloroaniline
Concen: 7.14 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tgt Ion:	127	Resp:	99168
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.2	39.4
65	27.2	23.0	34.4
92	17.4	15.1	22.7



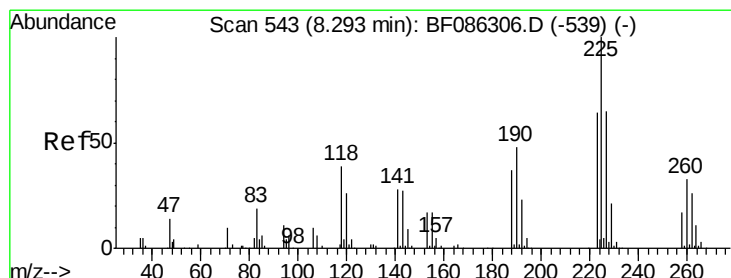
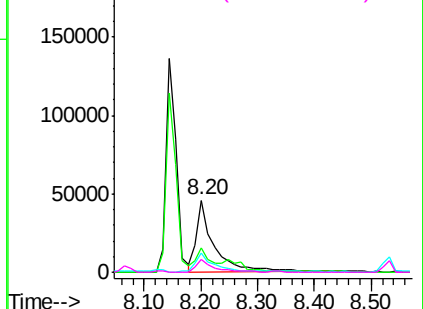
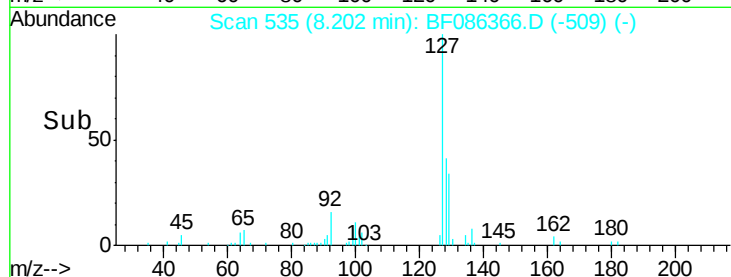
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

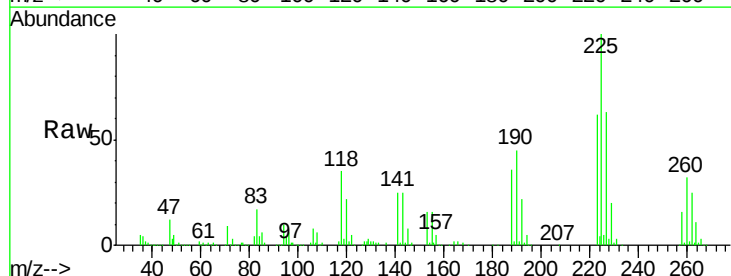
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 41.13 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:	225	Resp:	197852
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.5	77.3
227	63.1	52.2	78.2

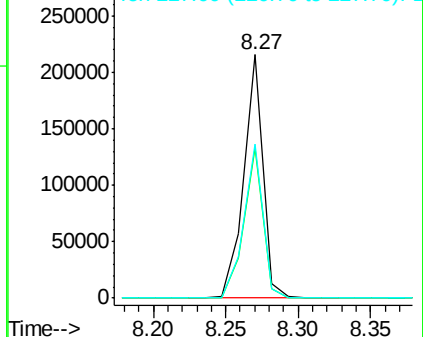
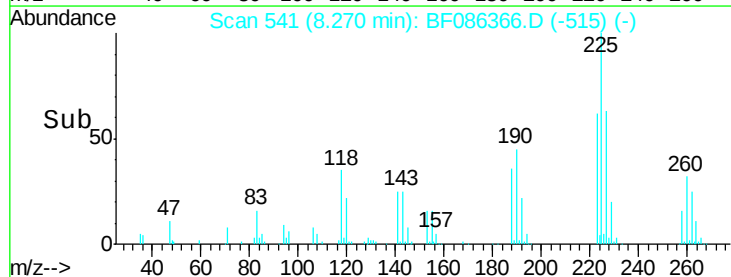


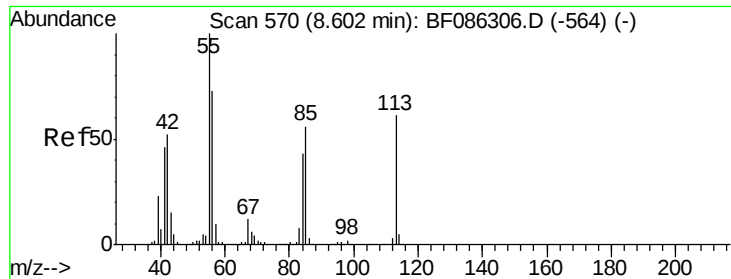
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.65 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

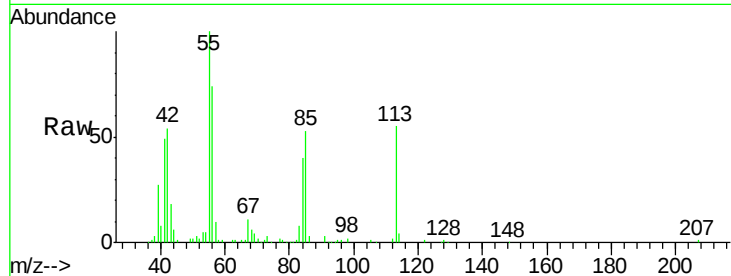
Tgt Ion:113 Resp: 78453

Ion Ratio Lower Upper

113 100

55 180.8 162.0 202.0

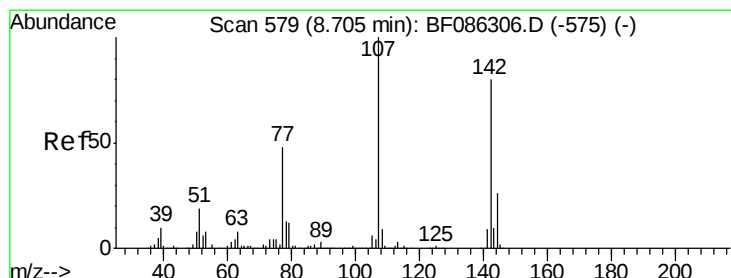
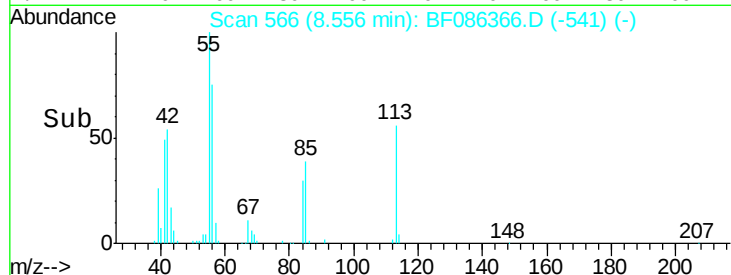
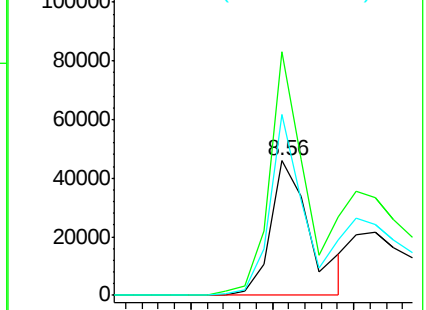
56 134.3 115.3 155.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.66 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

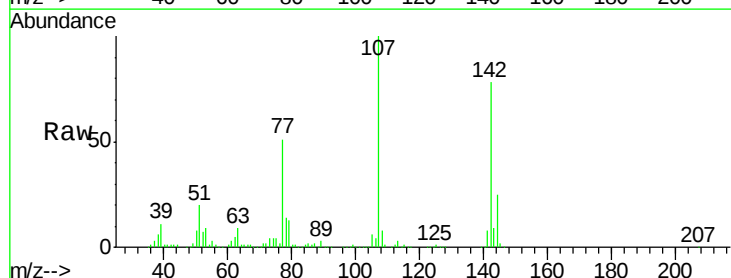
Tgt Ion:107 Resp: 449707

Ion Ratio Lower Upper

107 100

144 24.5 20.7 31.1

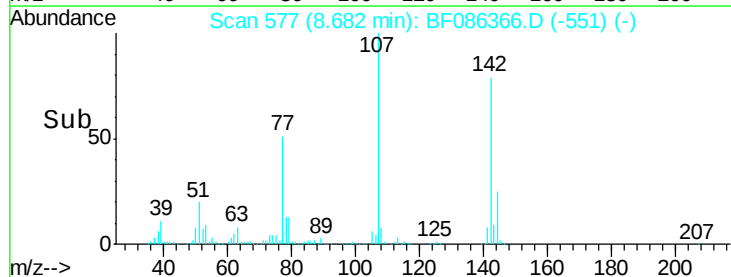
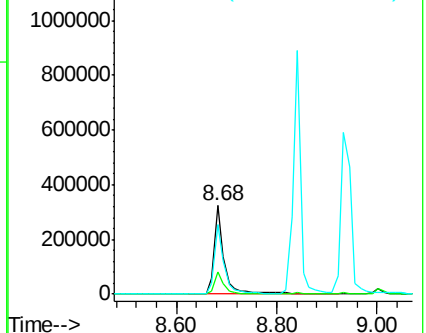
142 78.4 63.2 94.8

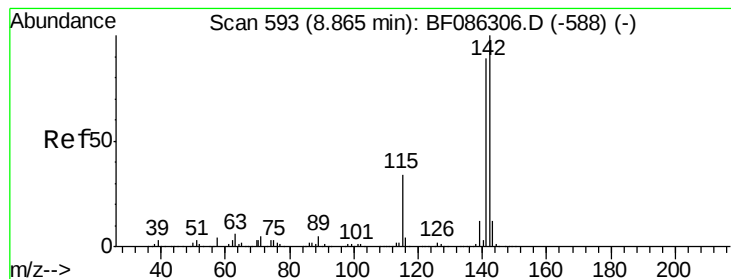


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.01 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

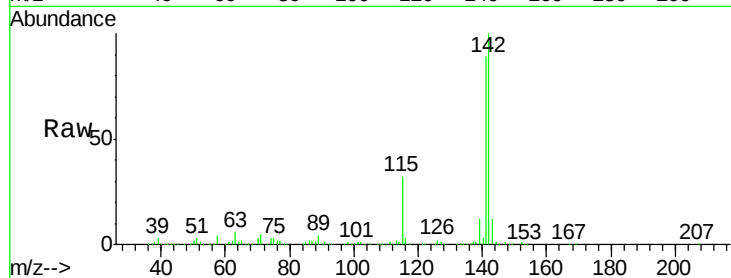
Tgt Ion:142 Resp: 905668

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

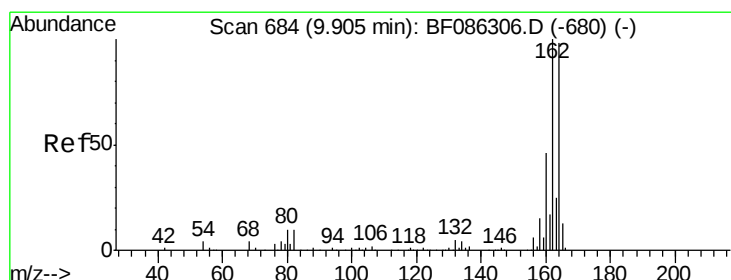
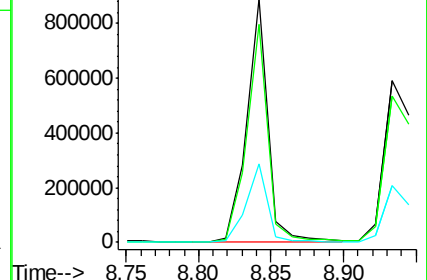
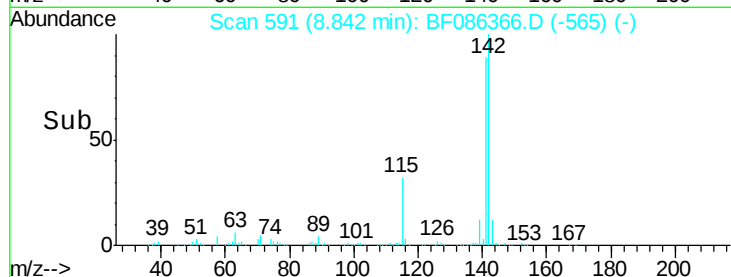
115 32.3 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

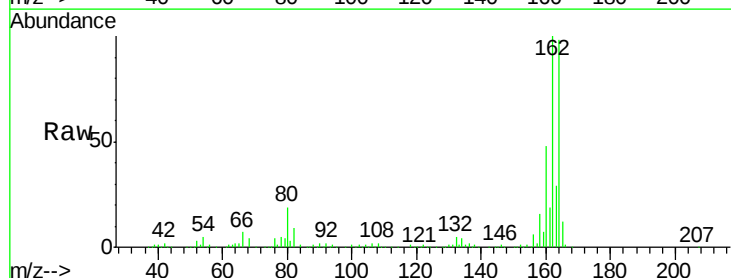
Tgt Ion:164 Resp: 350701

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

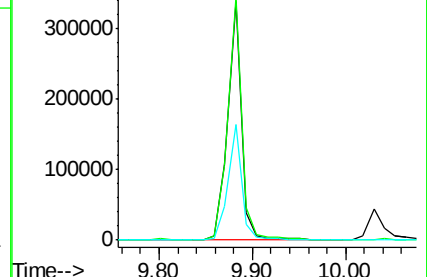
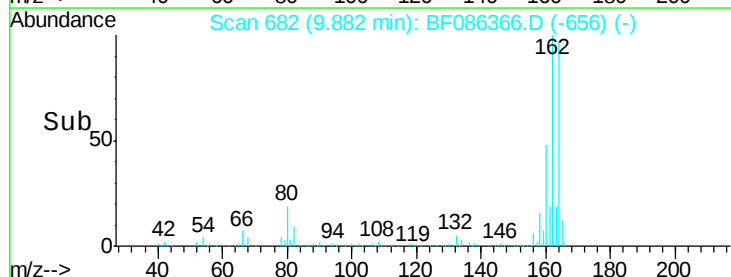
160 48.5 36.9 55.3

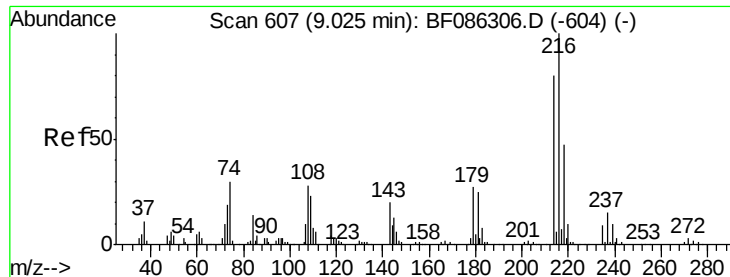


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.96 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

Tgt Ion:216 Resp: 317167

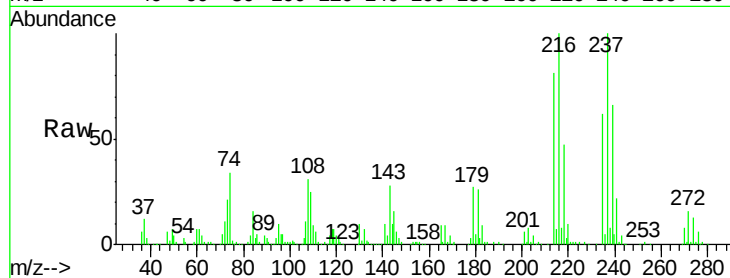
Ion Ratio Lower Upper

216 100

214 78.8 62.6 93.8

179 22.8 18.2 27.4

108 24.7 17.5 26.3

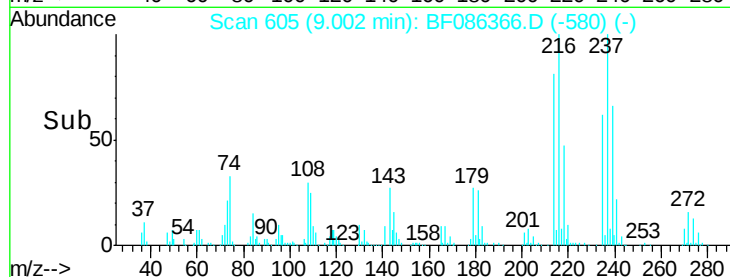


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Abundance

9.00

200000

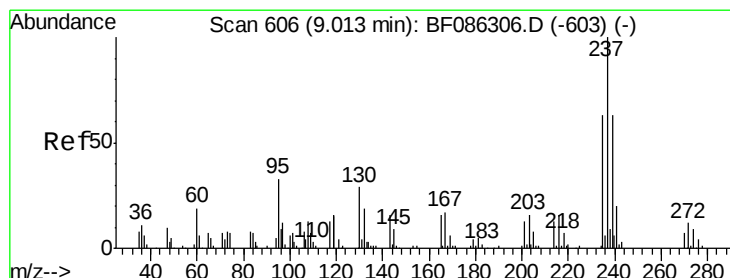
150000

100000

50000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 83.41 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

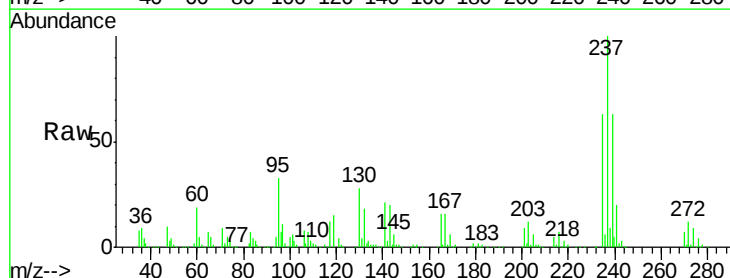
Tgt Ion:237 Resp: 369633

Ion Ratio Lower Upper

237 100

235 62.9 47.2 87.2

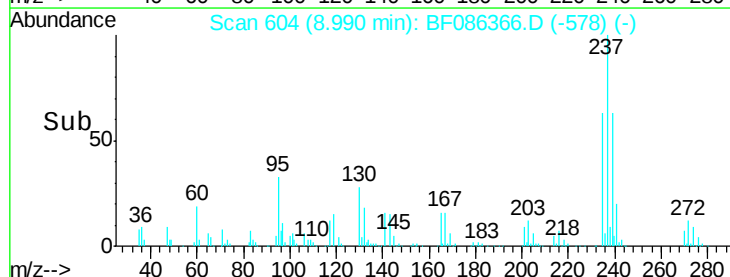
272 12.0 0.0 31.1



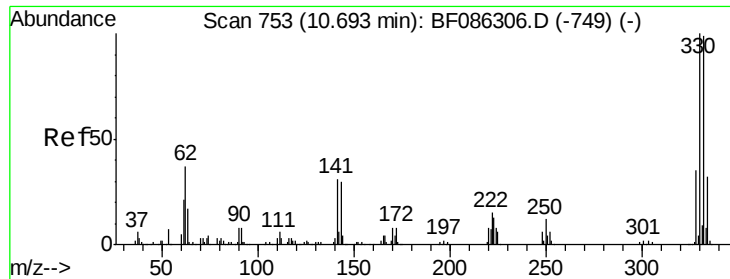
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



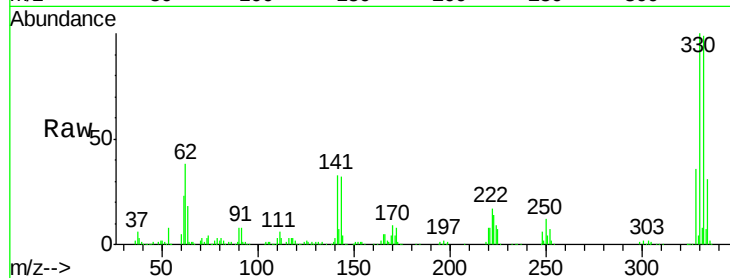
Time-->



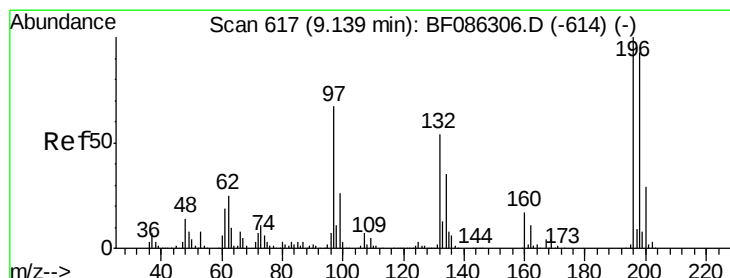
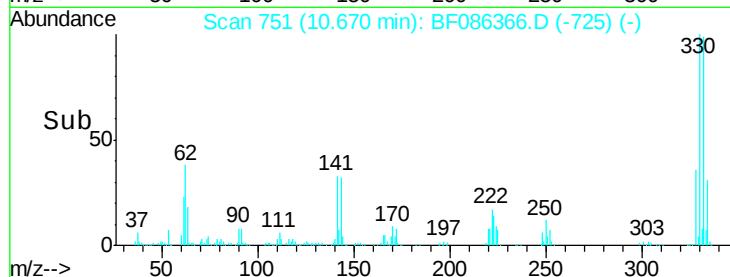
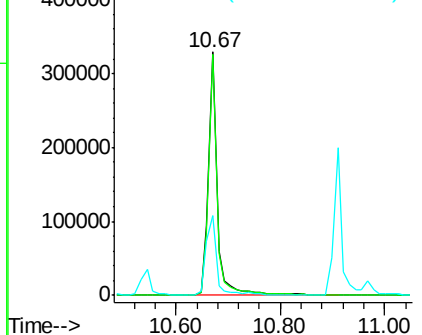
#41
 2,4,6-Tribromophenol
 Concen: 121.74 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Tgt Ion:330 Resp: 386480
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 37.7 31.2 46.8

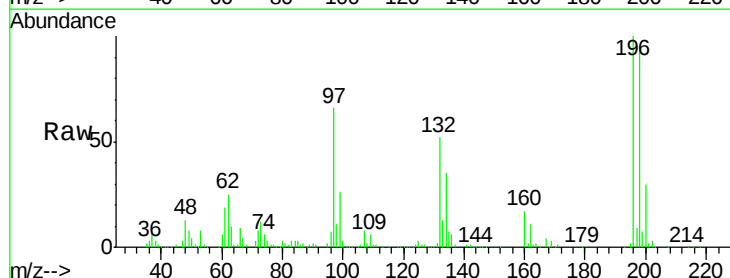


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

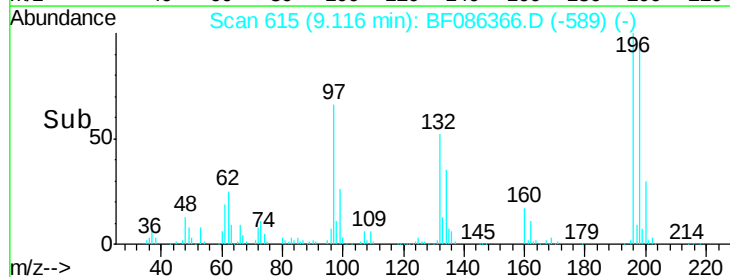
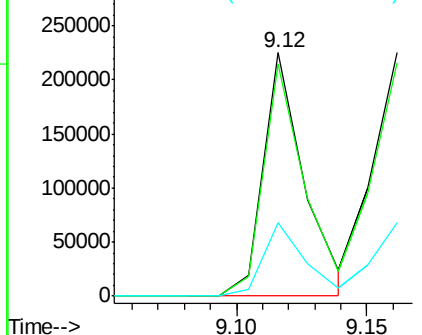


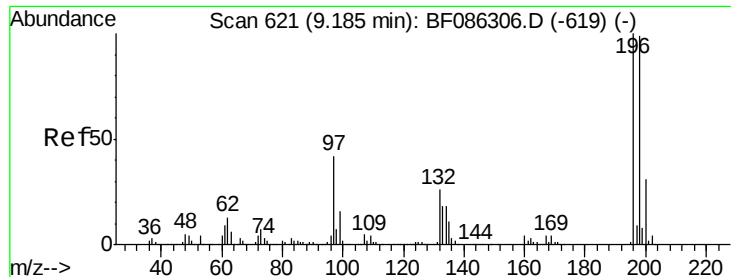
#42
 2,4,6-Trichlorophenol
 Concen: 41.38 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion:196 Resp: 246175
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.7 112.1
 200 30.1 23.8 35.6



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

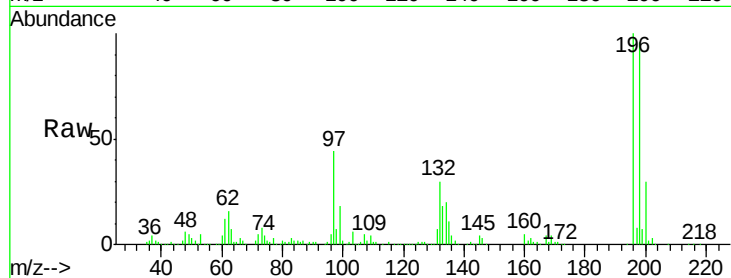




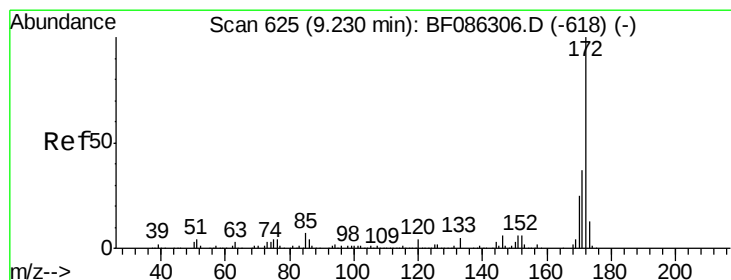
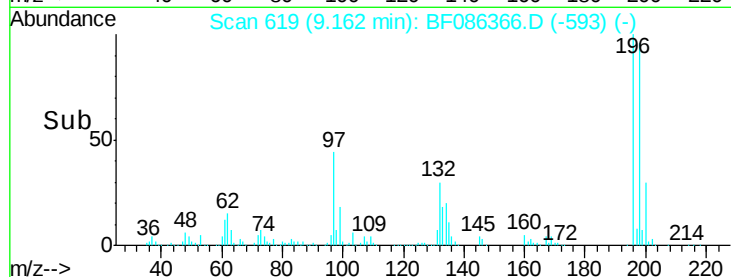
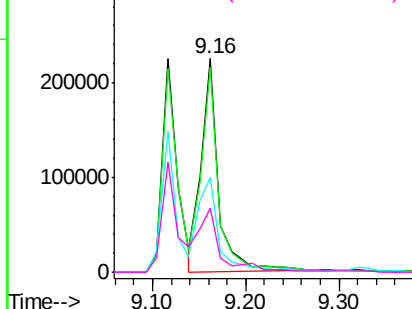
#43
 2,4,5-Trichlorophenol
 Concen: 39.99 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Tgt Ion:	196	Resp:	292926
Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.5	116.3
97	44.4	34.8	52.2
132	29.8	23.0	34.4

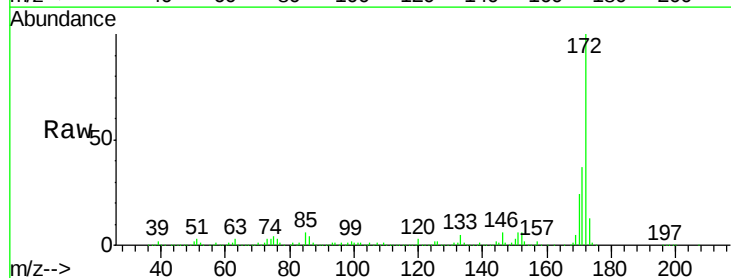


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

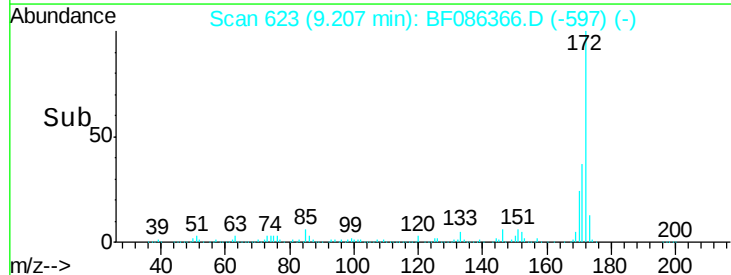
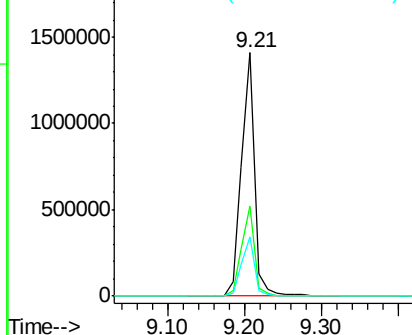


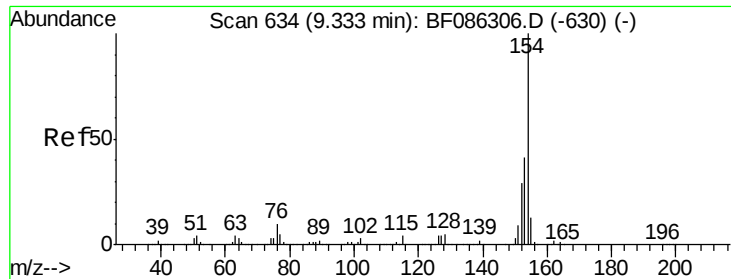
#44
 2-Fluorobiphenyl
 Concen: 82.47 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion:	172	Resp:	1694928
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.3	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 38.63 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

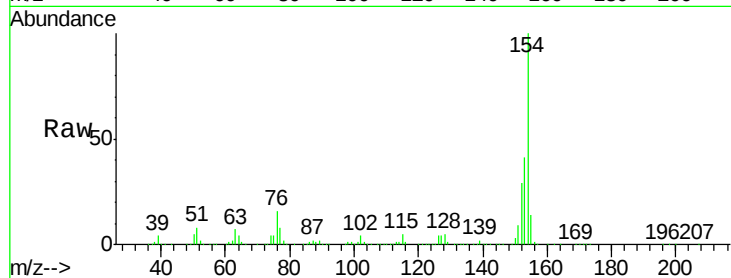
Tgt Ion:154 Resp: 1051042

Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

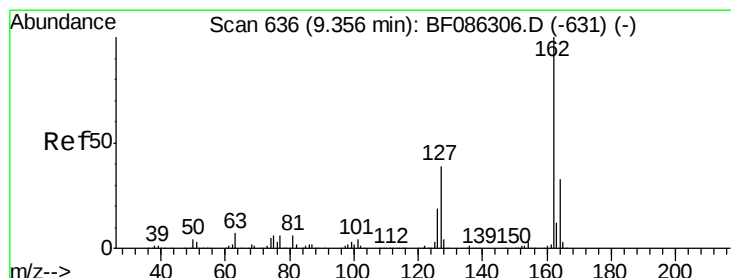
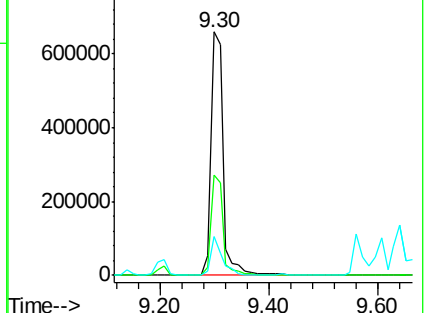
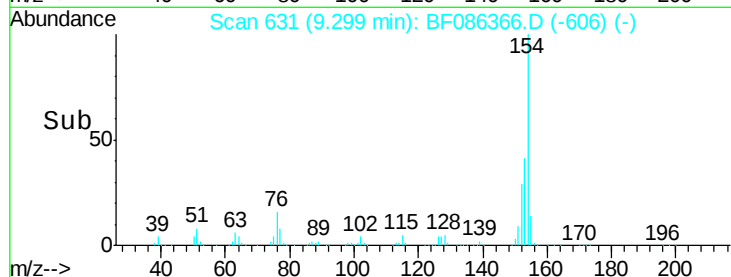
76 16.0 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.87 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

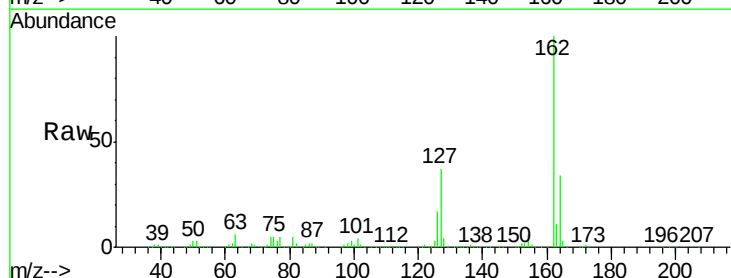
Tgt Ion:162 Resp: 837094

Ion Ratio Lower Upper

162 100

127 36.8 31.8 47.6

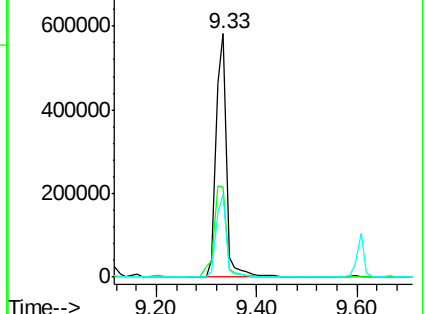
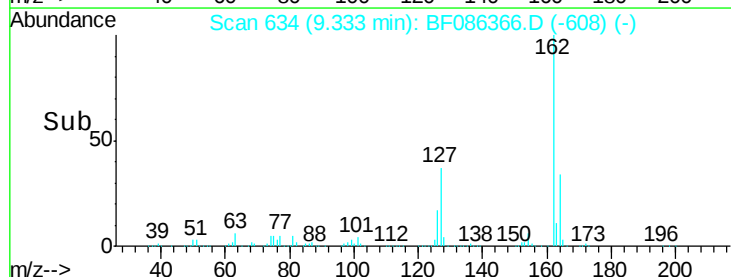
164 33.6 27.0 40.6

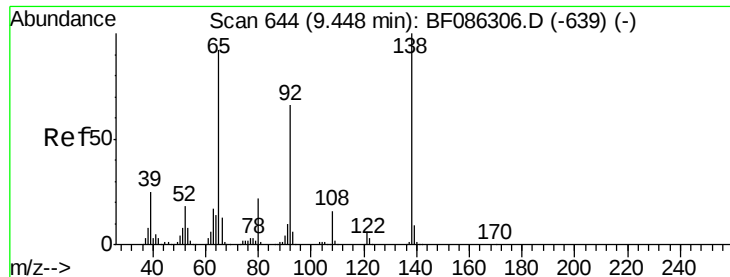


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

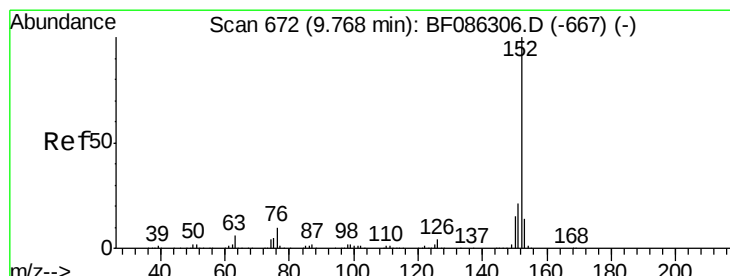
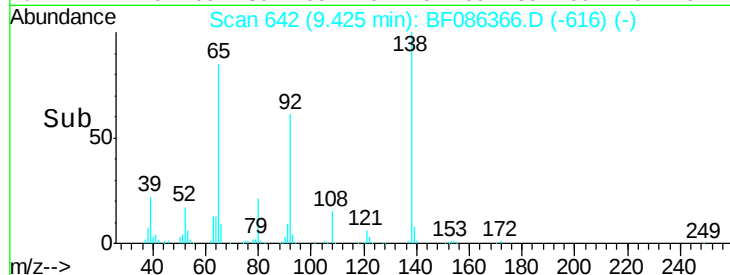
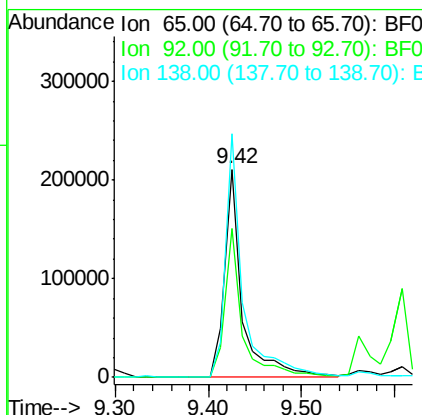
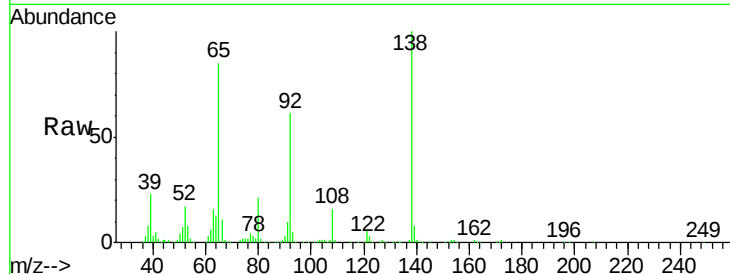




#47
2-Nitroaniline
Concen: 41.71 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

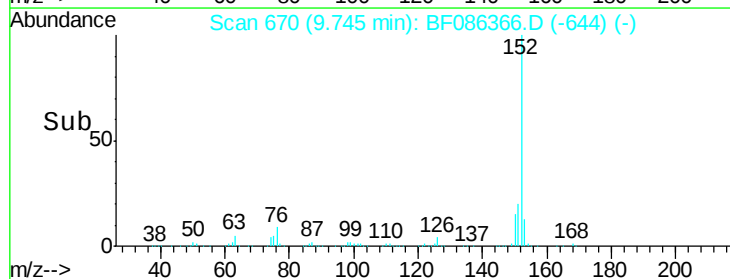
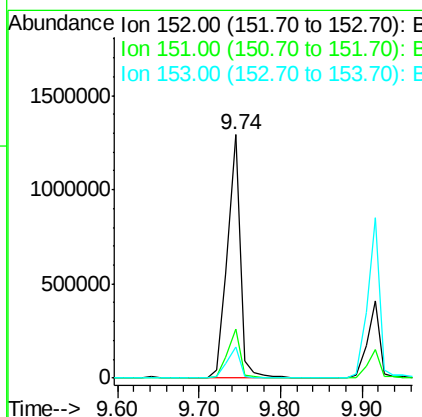
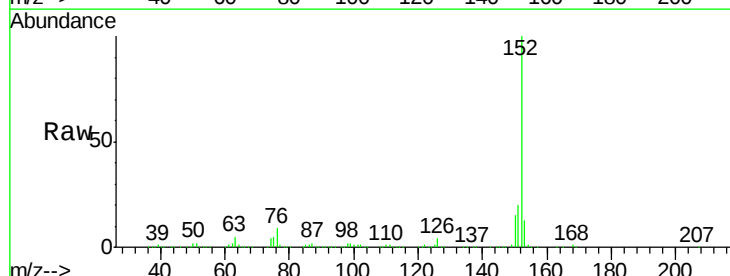
Instrument :
BNA_F
ClientSampleId :
PB89976BS

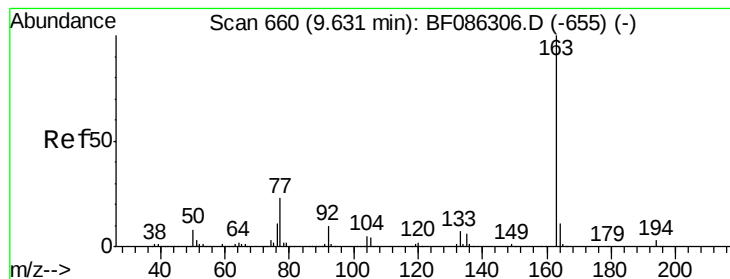
Tgt Ion: 65 Resp: 279693
Ion Ratio Lower Upper
65 100
92 71.6 57.4 86.2
138 117.1 90.1 135.1



#48
Acenaphthylene
Concen: 40.39 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion: 152 Resp: 1410296
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 12.9 10.9 16.3





#49

Dimethylphthalate

Concen: 40.16 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

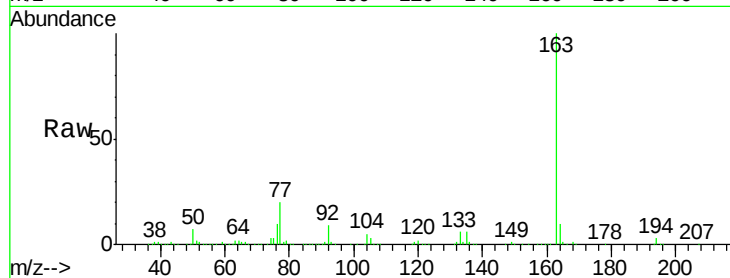
Tgt Ion:163 Resp: 1017390

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

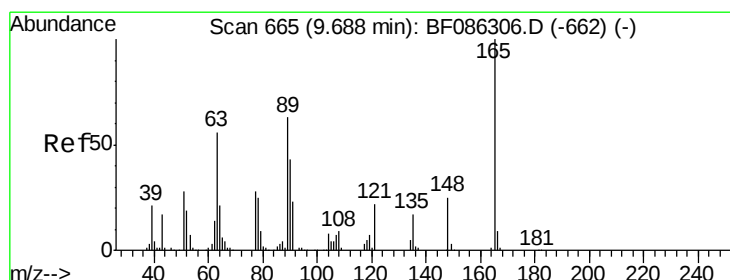
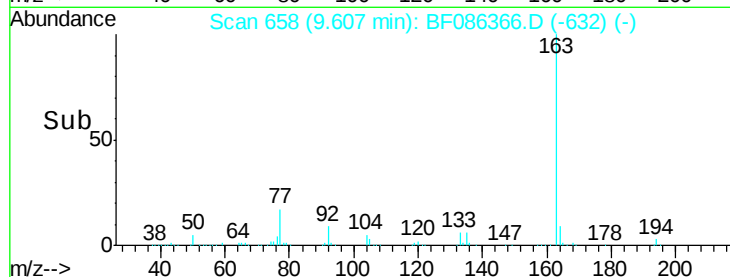
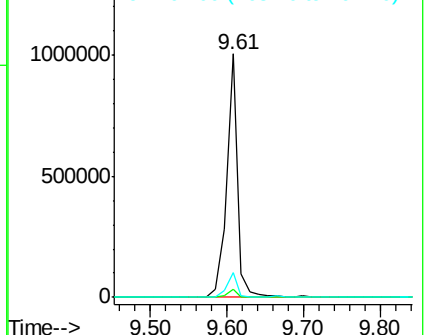
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.74 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

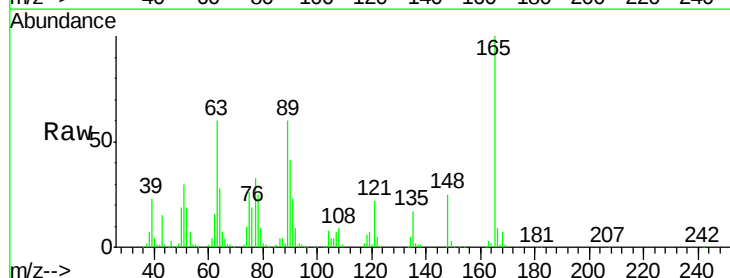
Tgt Ion:165 Resp: 228448

Ion Ratio Lower Upper

165 100

63 60.4 51.8 77.8

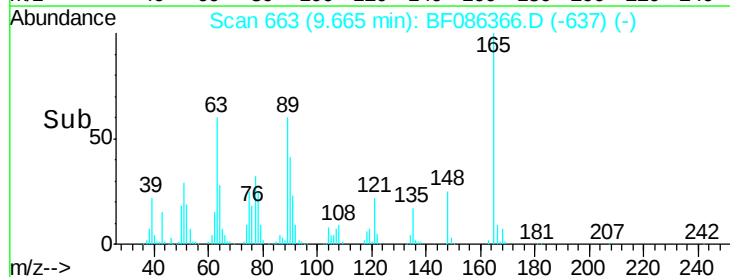
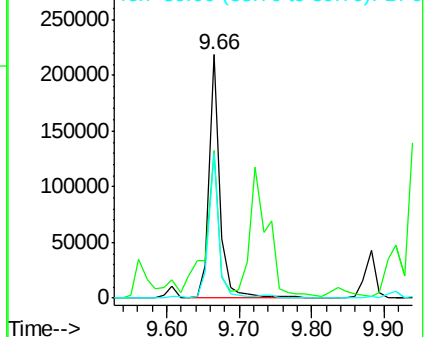
89 59.6 50.7 76.1

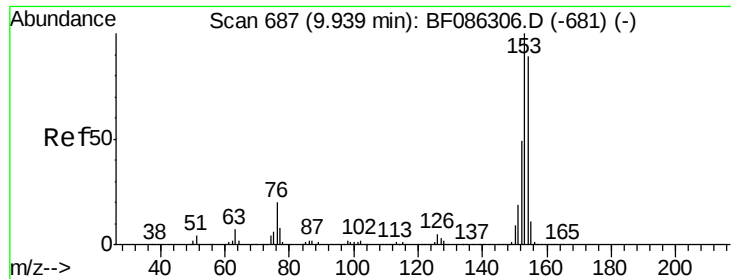


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.44 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

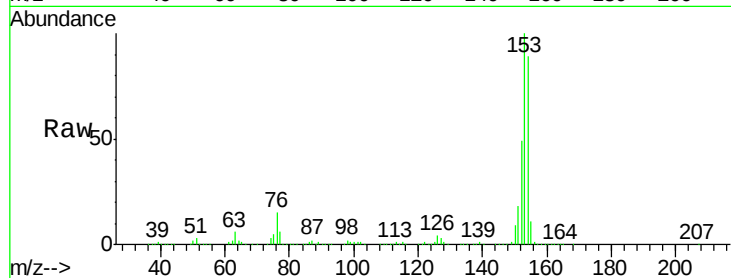
Tgt Ion:154 Resp: 953167

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.6

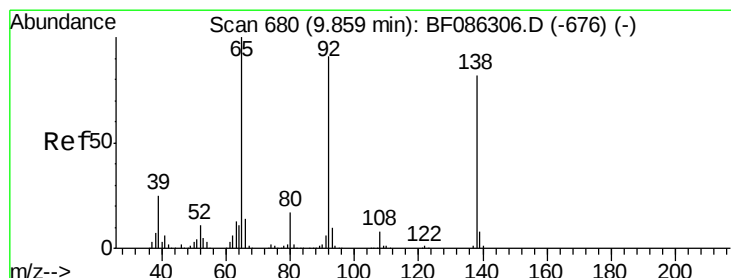
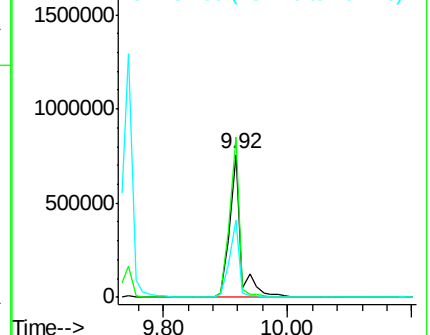
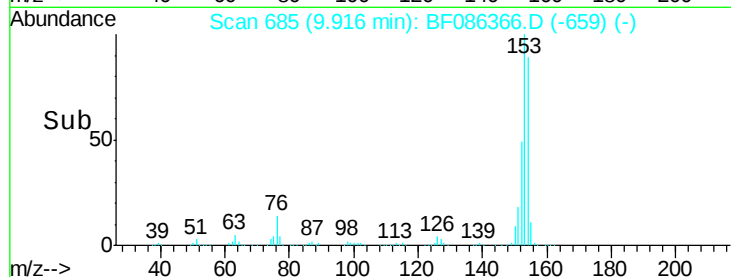
152 54.5 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.46 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

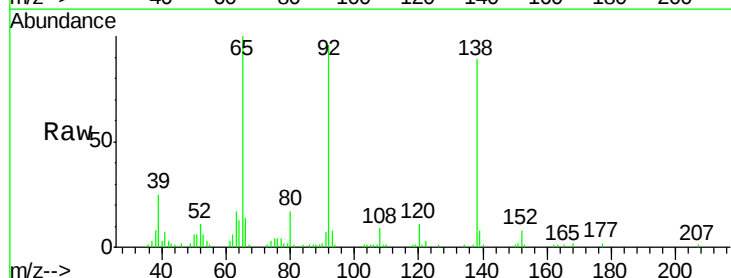
Tgt Ion:138 Resp: 92192

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

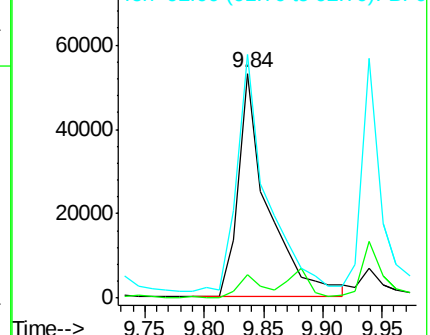
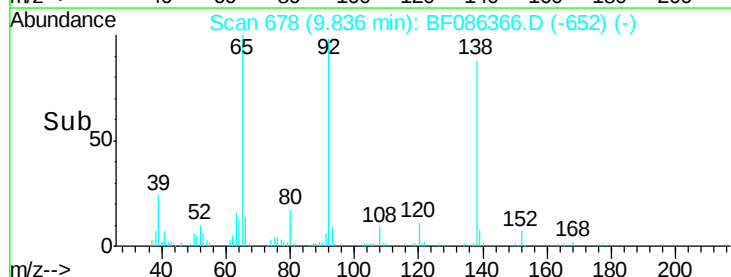
92 108.3 87.8 131.8

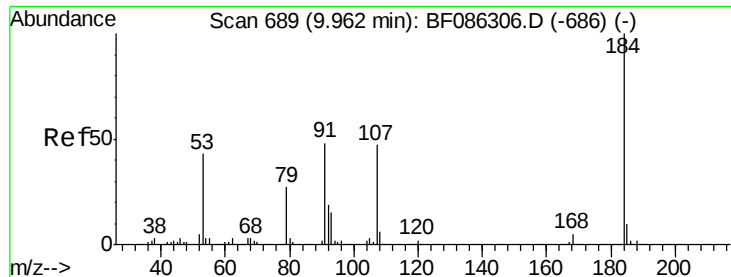


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

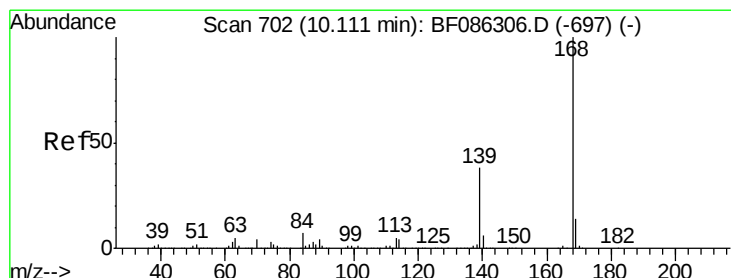
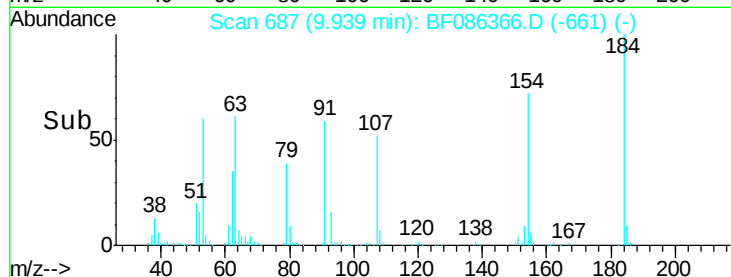
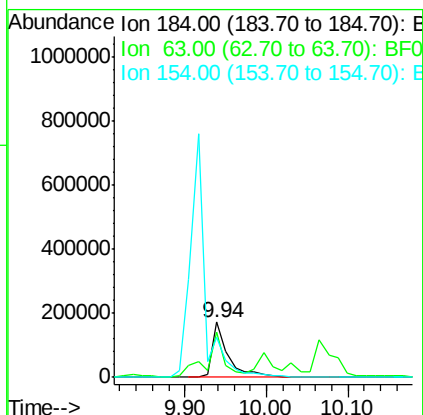
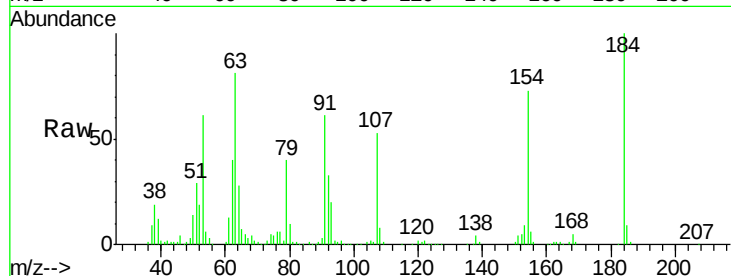




#53
2,4-Dinitrophenol
Concen: 84.48 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

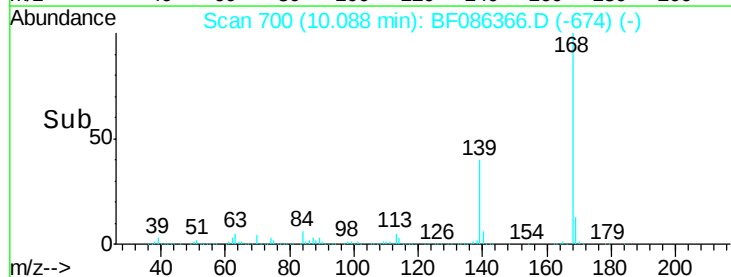
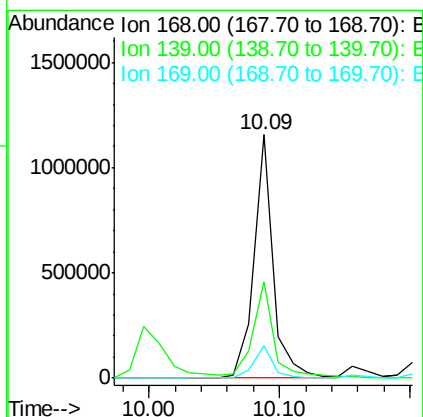
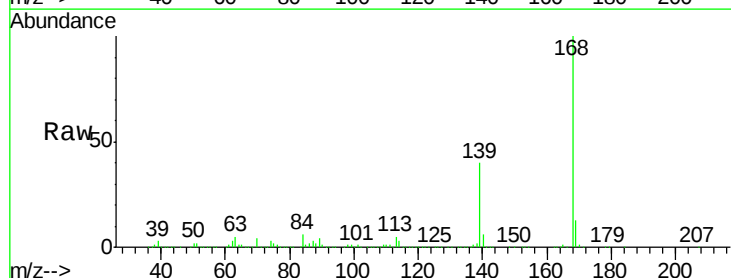
Instrument :
BNA_F
ClientSampleId :
PB89976BS

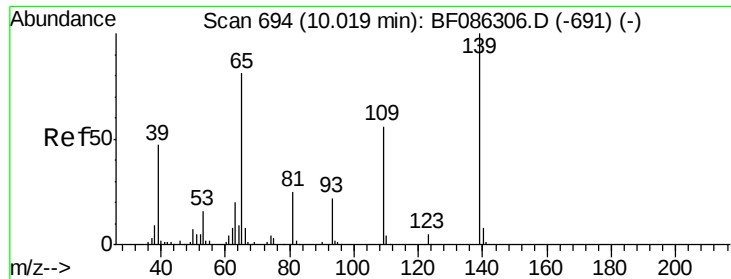
Tgt Ion:184 Resp: 240351
Ion Ratio Lower Upper
184 100
63 81.3 55.8 83.8
154 72.6 62.4 93.6



#54
Dibenzofuran
Concen: 43.37 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:168 Resp: 1194742
Ion Ratio Lower Upper
168 100
139 39.6 31.4 47.0
169 13.4 10.7 16.1

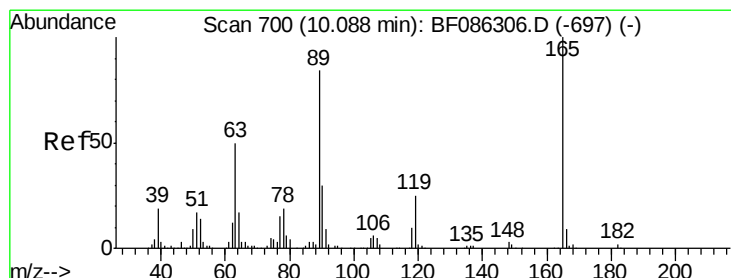
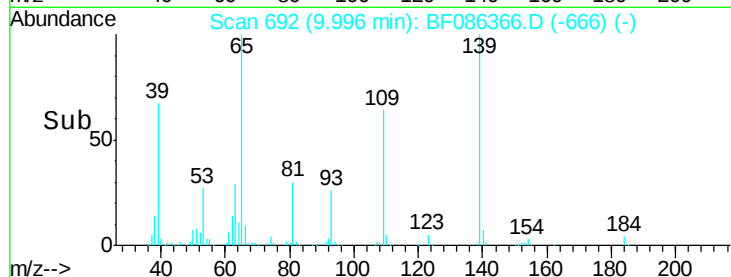
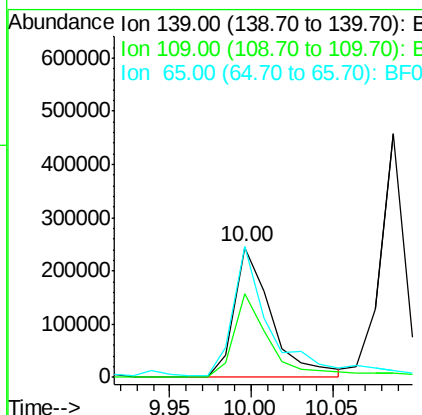
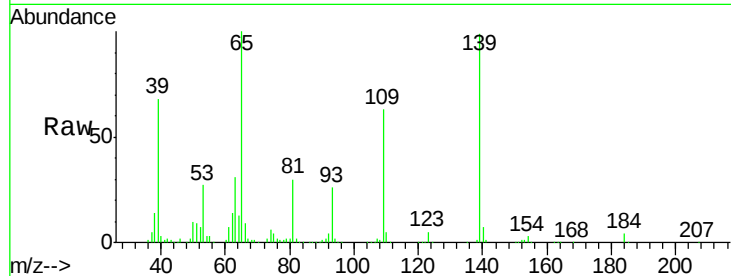




#55
4-Nitrophenol
Concen: 80.90 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

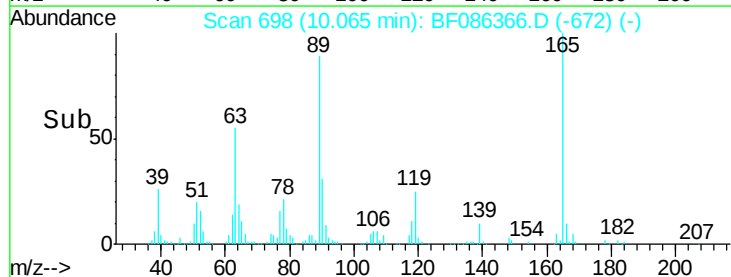
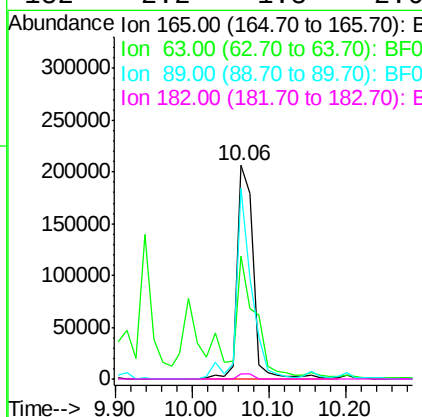
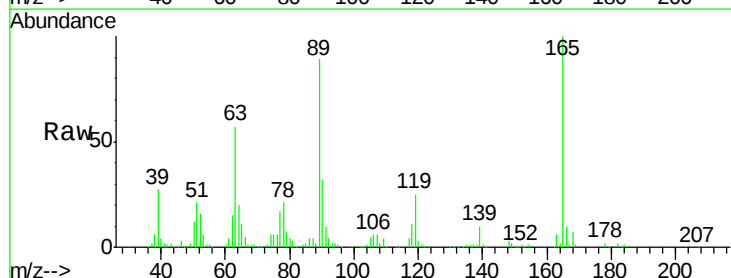
Instrument :
BNA_F
ClientSampleId :
PB89976BS

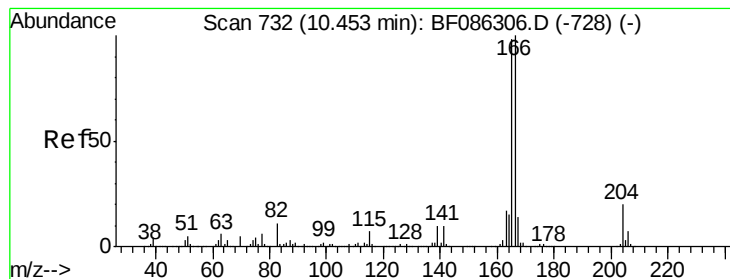
Tgt Ion:139 Resp: 387847
Ion Ratio Lower Upper
139 100
109 64.1 36.9 76.9
65 101.1 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 42.07 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:165 Resp: 305733
Ion Ratio Lower Upper
165 100
63 57.2 44.3 66.5
89 89.0 70.0 105.0
182 2.2 1.8 2.6





#57

Fluorene

Concen: 40.43 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

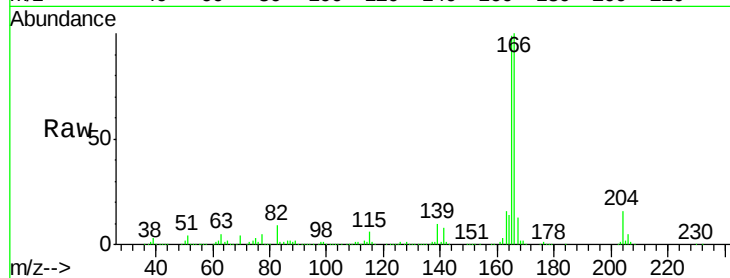
Tgt Ion:166 Resp: 912614

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.6

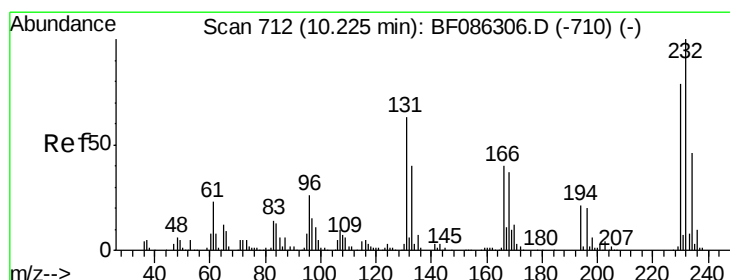
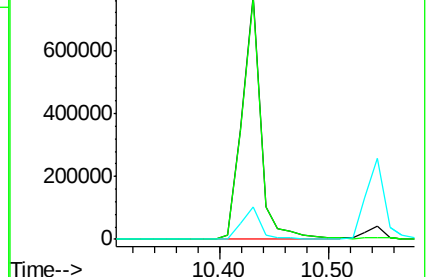
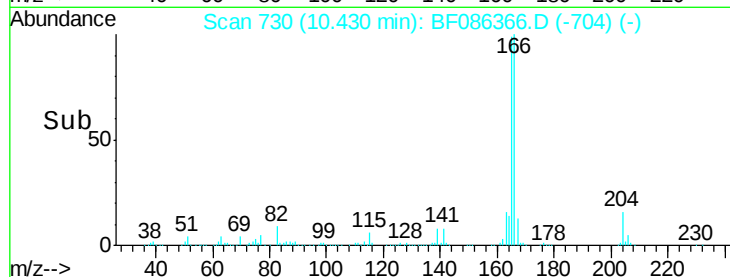
167 13.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.91 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:232 Resp: 245777

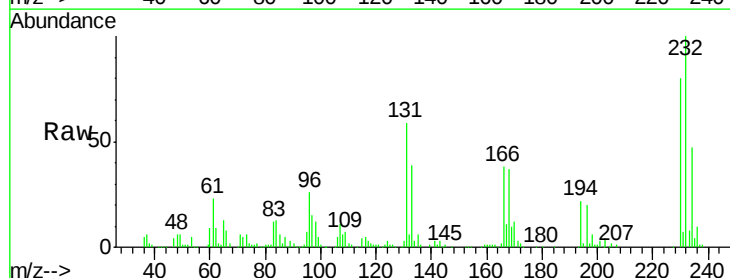
Ion Ratio Lower Upper

232 100

131 48.3 41.9 62.9

130 2.7 2.2 3.4

166 31.2 26.8 40.2

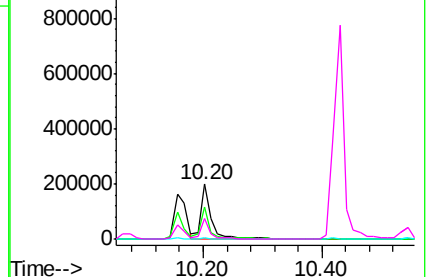
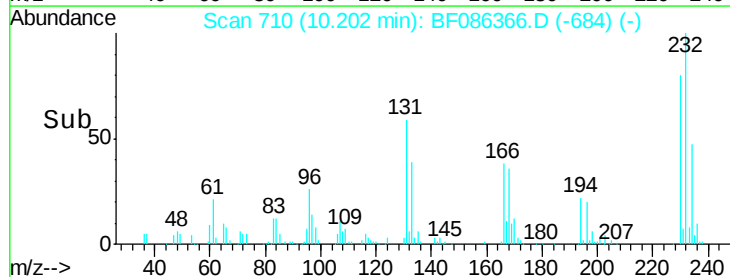


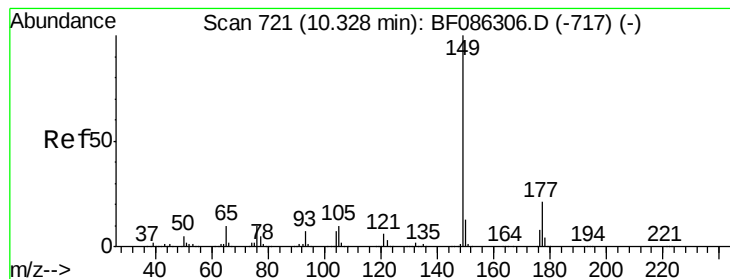
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.72 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

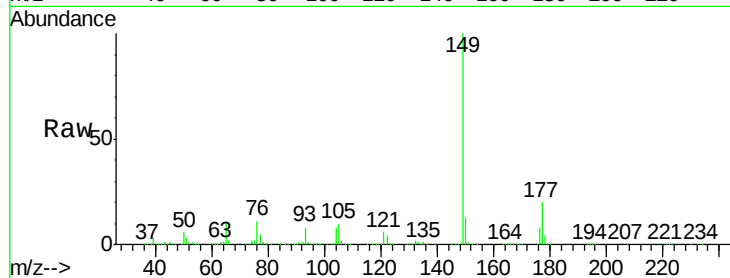
Tgt Ion:149 Resp: 939417

Ion Ratio Lower Upper

149 100

177 20.5 16.6 24.8

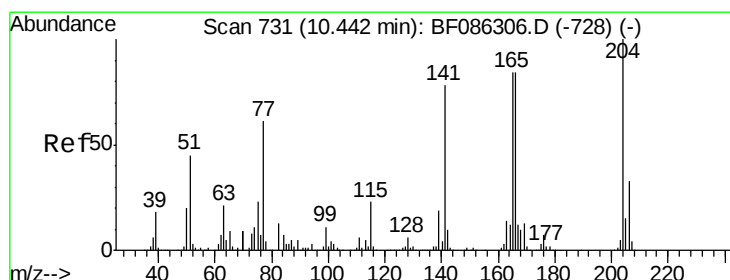
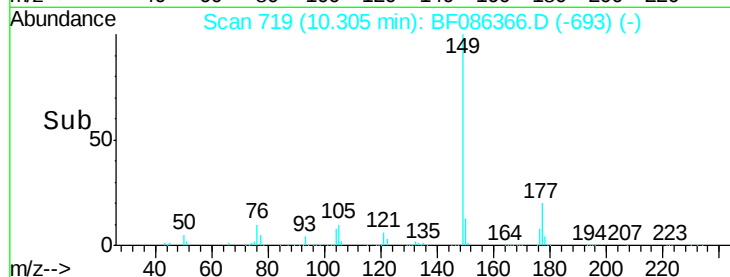
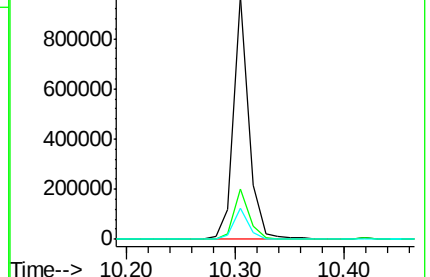
150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.10 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

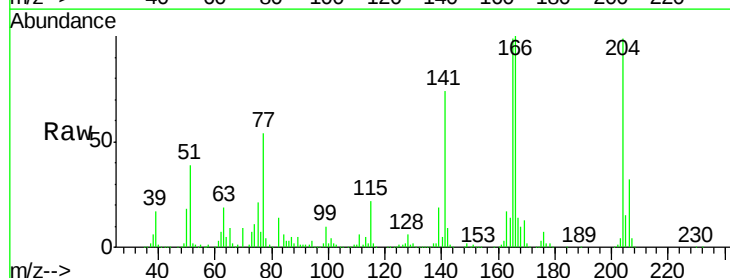
Tgt Ion:204 Resp: 376085

Ion Ratio Lower Upper

204 100

206 32.5 25.4 38.0

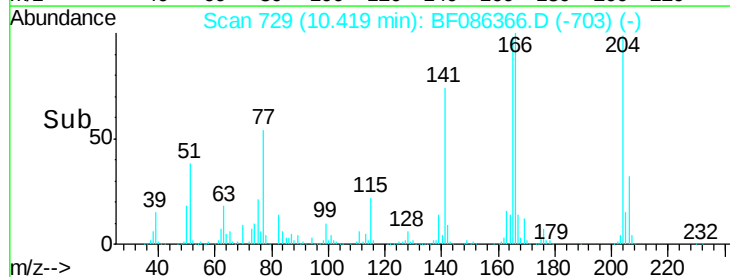
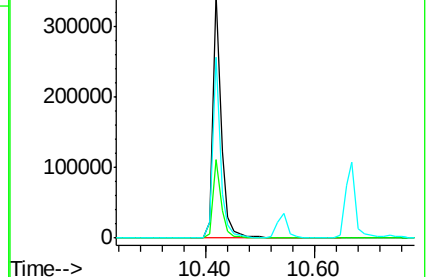
141 74.3 61.6 92.4

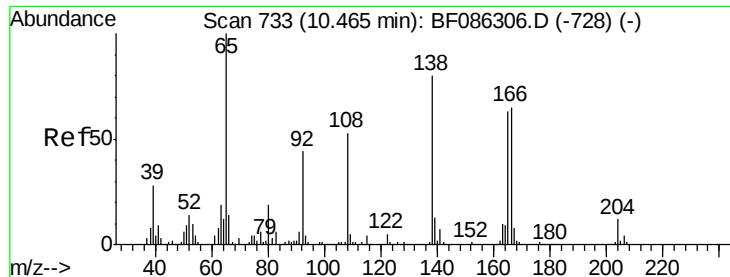


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

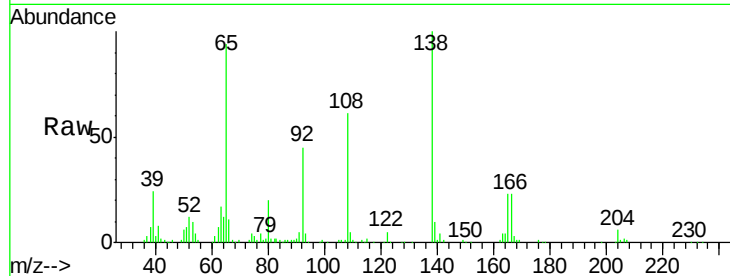




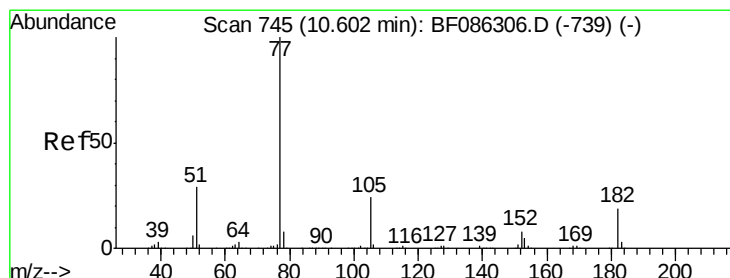
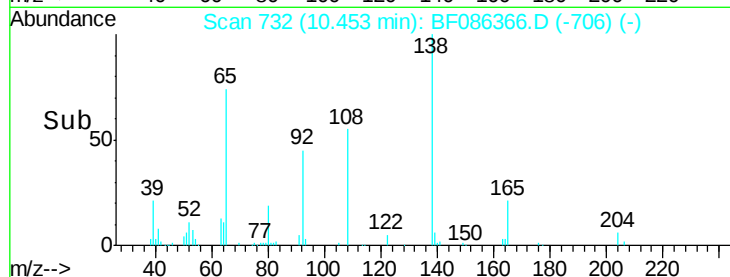
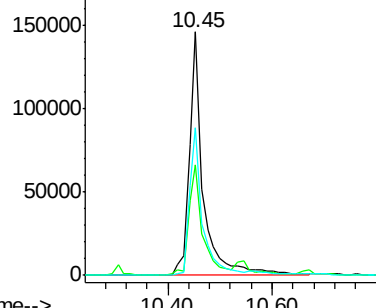
#61
4-Nitroaniline
Concen: 38.62 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampled :
PB89976BS

Tgt Ion:138 Resp: 270821
Ion Ratio Lower Upper
138 100
92 45.2 24.7 64.7
108 60.8 37.4 77.4

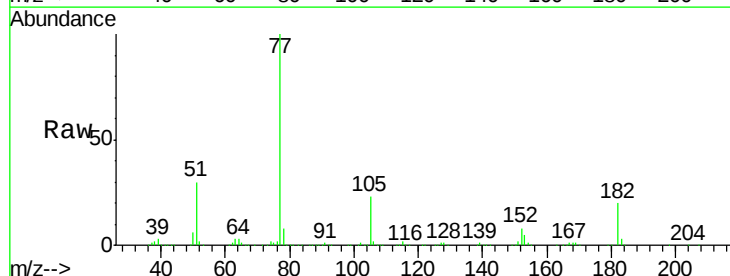


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

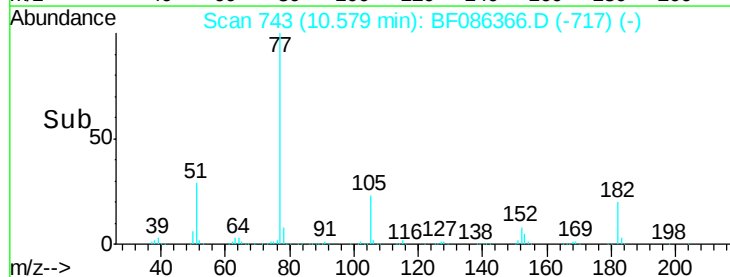
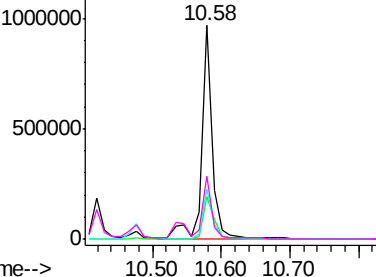


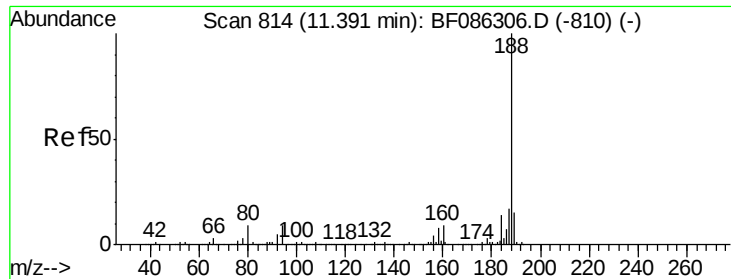
#62
Azobenzene
Concen: 42.12 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion: 77 Resp: 1059698
Ion Ratio Lower Upper
77 100
182 20.1 0.0 38.8
105 23.5 3.2 43.2
51 29.6 8.8 48.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

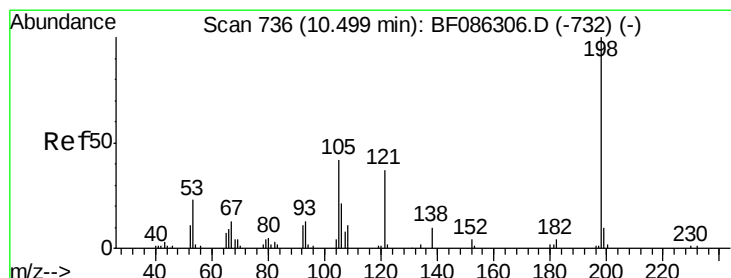
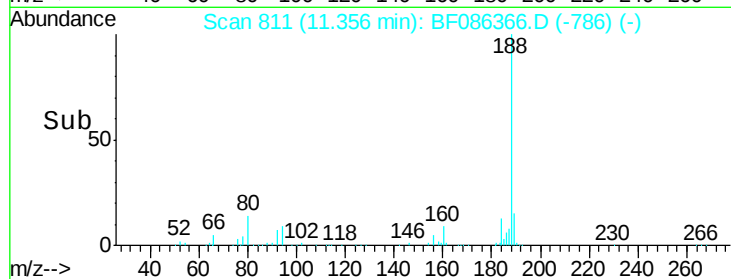
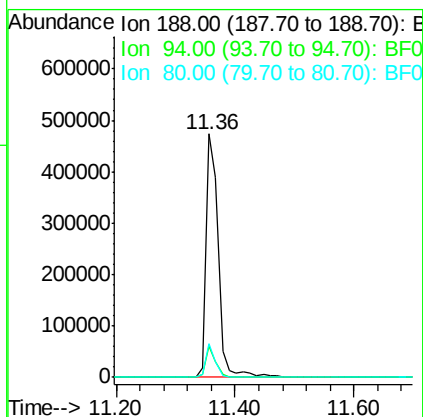
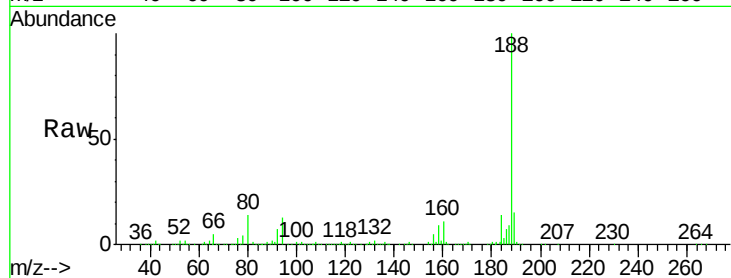




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

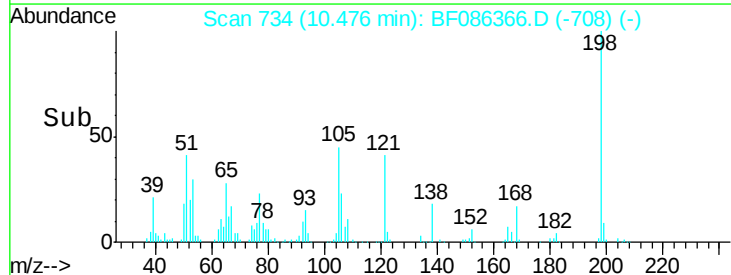
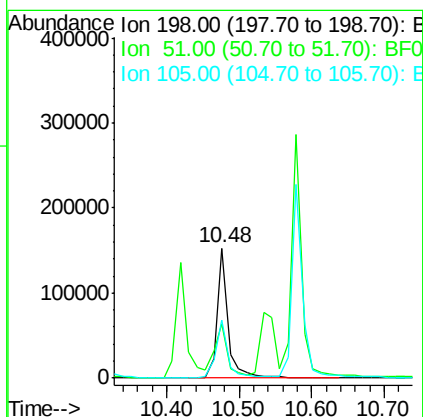
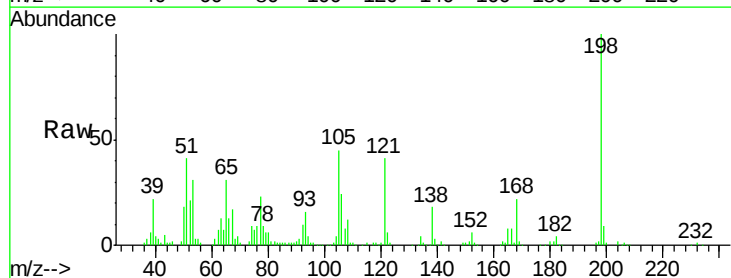
Instrument :
BNA_F
ClientSampleId :
PB89976BS

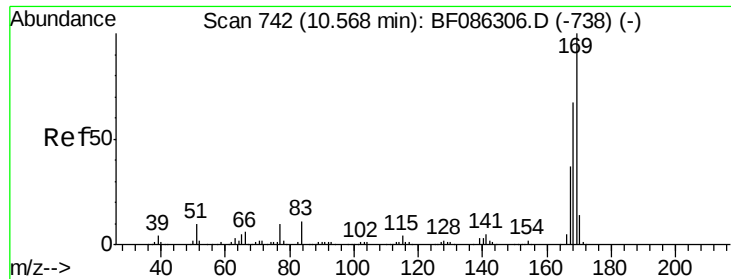
Tgt Ion:188 Resp: 685643
Ion Ratio Lower Upper
188 100
94 13.0 6.8 10.2#
80 14.1 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.01 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:198 Resp: 163455
Ion Ratio Lower Upper
198 100
51 41.3 20.5 60.5
105 45.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 39.62 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

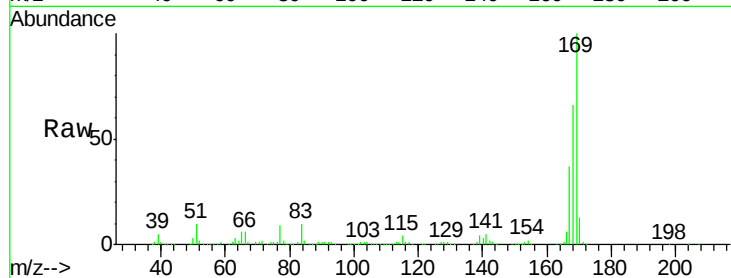
Tgt Ion:169 Resp: 837636

Ion Ratio Lower Upper

169 100

168 65.9 53.8 80.6

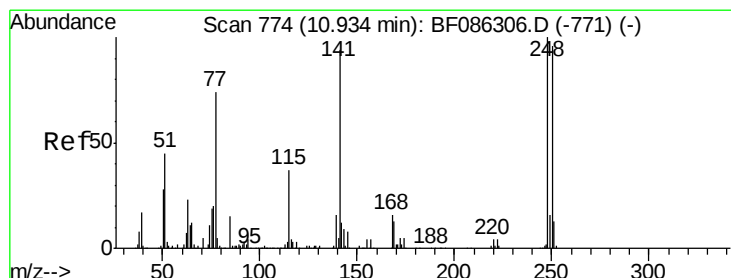
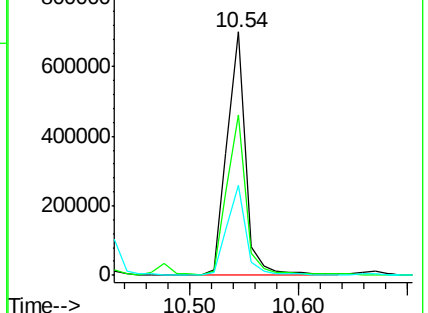
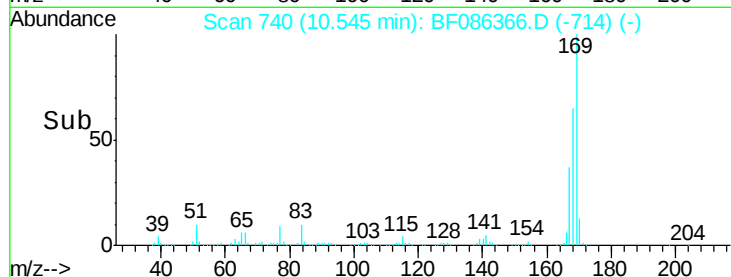
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.39 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

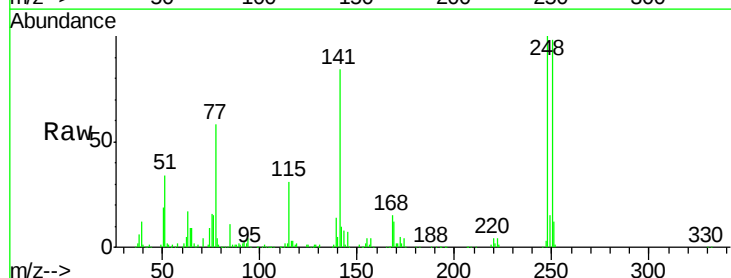
Tgt Ion:248 Resp: 257764

Ion Ratio Lower Upper

248 100

250 98.2 78.6 117.8

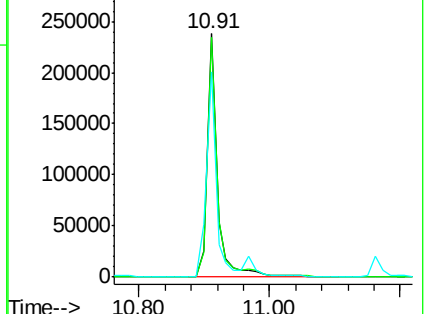
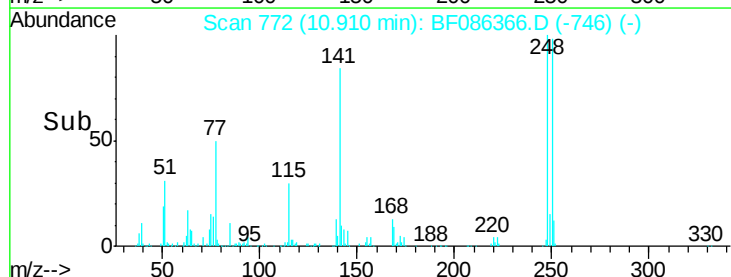
141 84.1 76.0 114.0

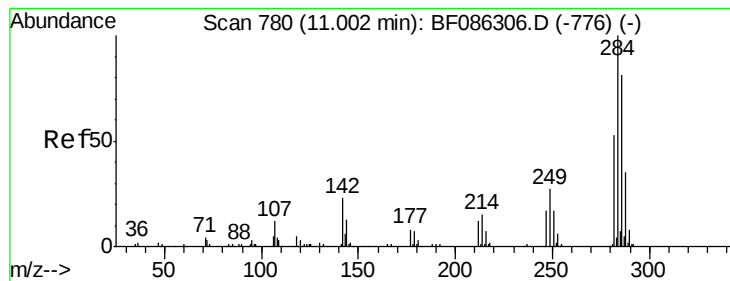


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.88 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

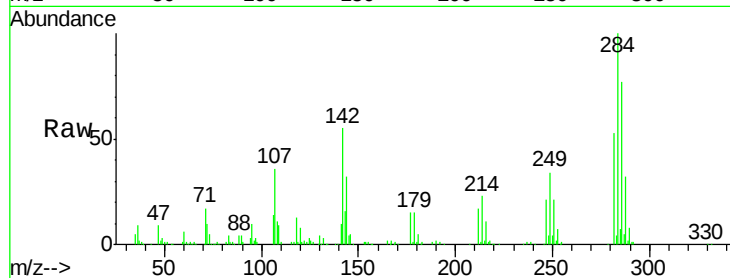
Tgt Ion:284 Resp: 264177

Ion Ratio Lower Upper

284 100

142 55.2 16.7 25.1#

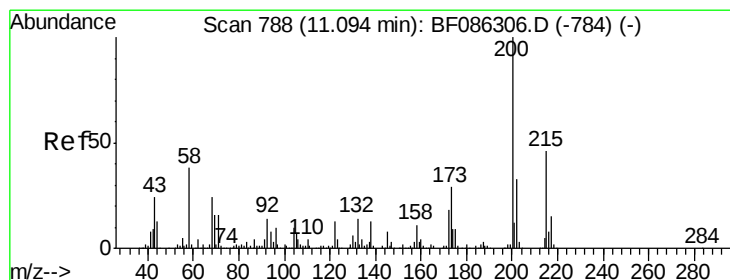
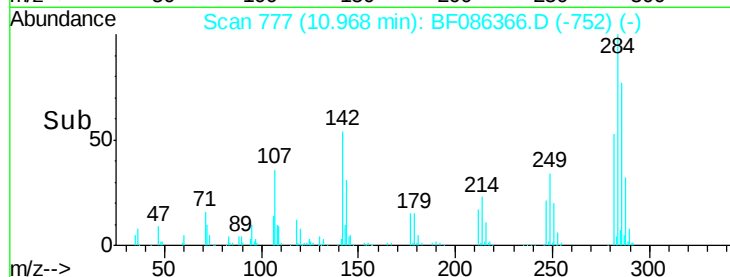
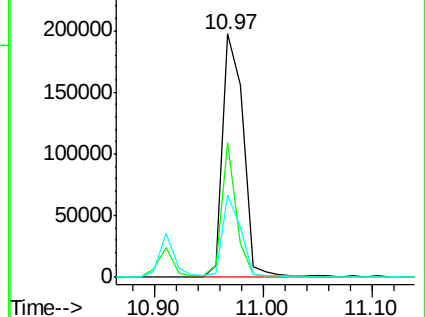
249 34.0 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.64 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

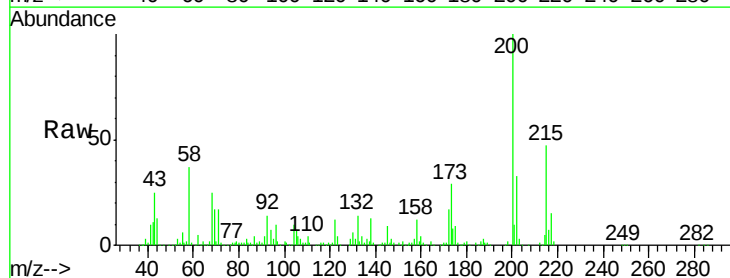
Tgt Ion:200 Resp: 265263

Ion Ratio Lower Upper

200 100

173 29.4 8.5 48.5

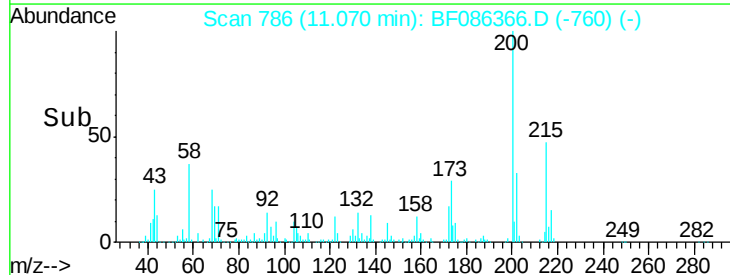
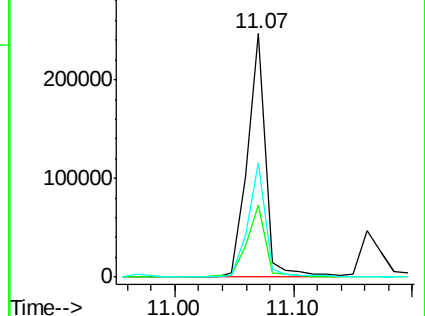
215 47.0 27.2 67.2

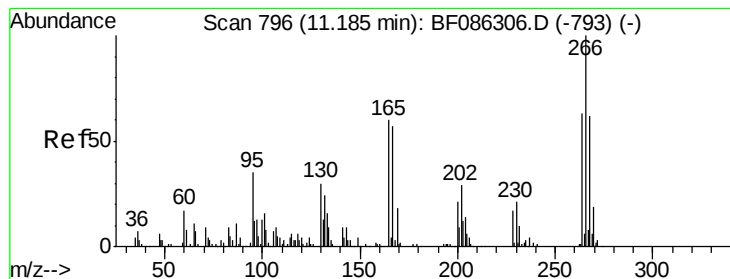


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 77.09 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

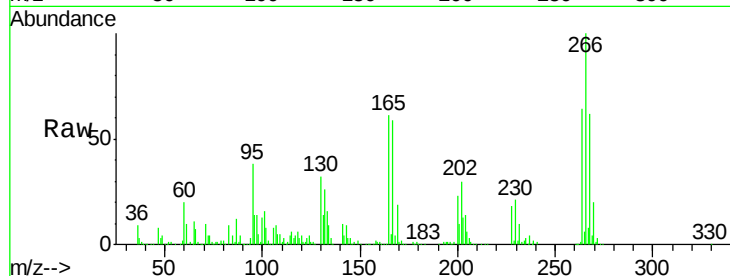
Tgt Ion:266 Resp: 324264

Ion Ratio Lower Upper

266 100

268 61.7 51.5 77.3

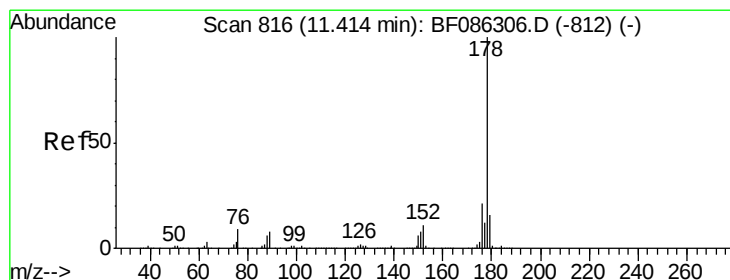
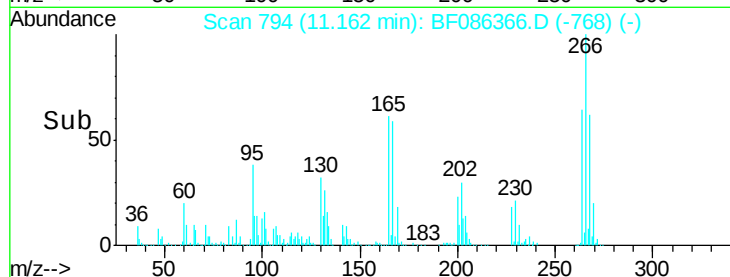
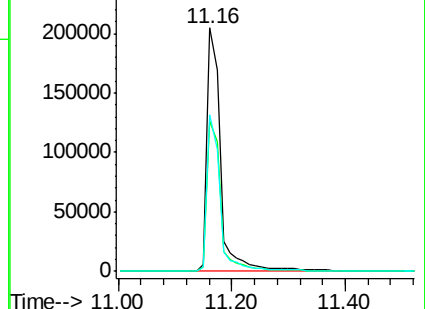
264 64.2 52.9 79.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.77 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

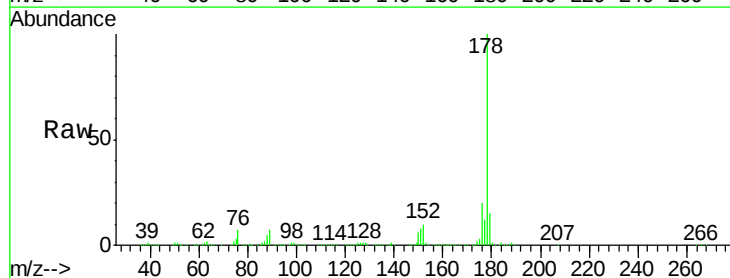
Tgt Ion:178 Resp: 1335696

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

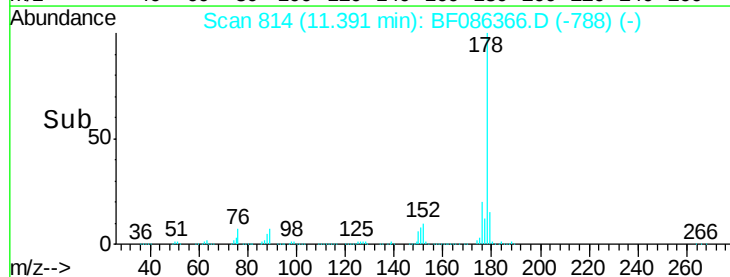
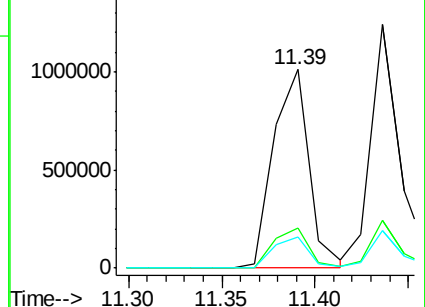
179 15.5 12.6 18.8

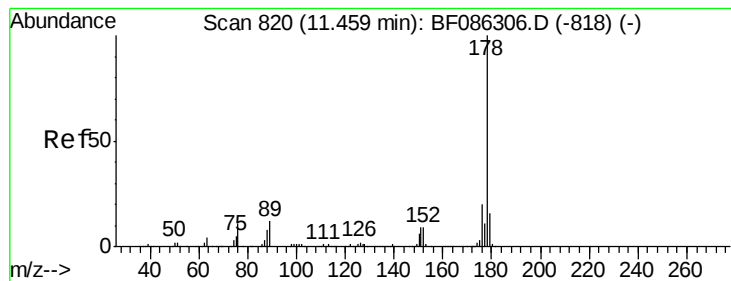


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.76 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

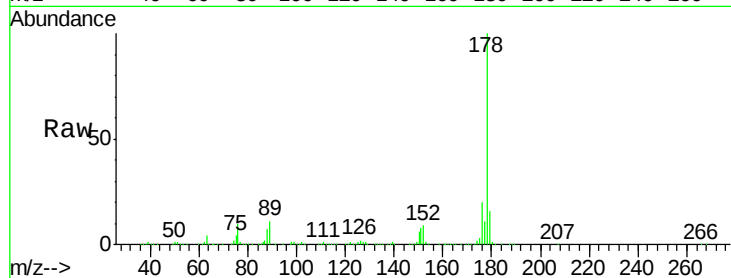
Tgt Ion:178 Resp: 1450947

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

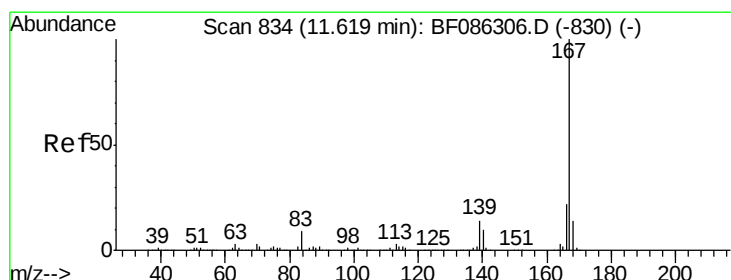
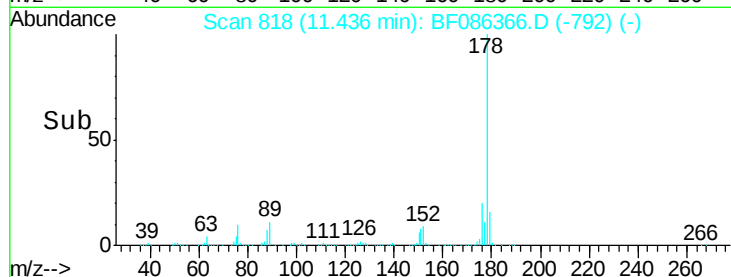
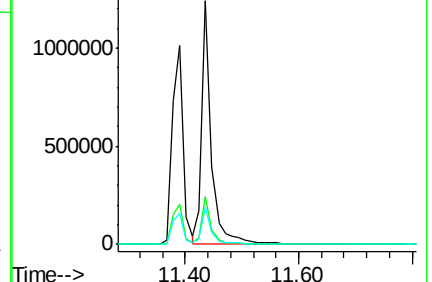
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.17 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

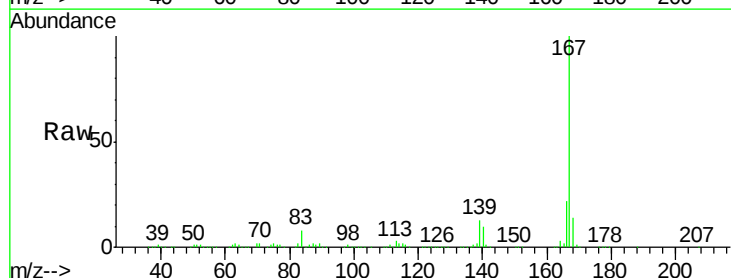
Tgt Ion:167 Resp: 1489458

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

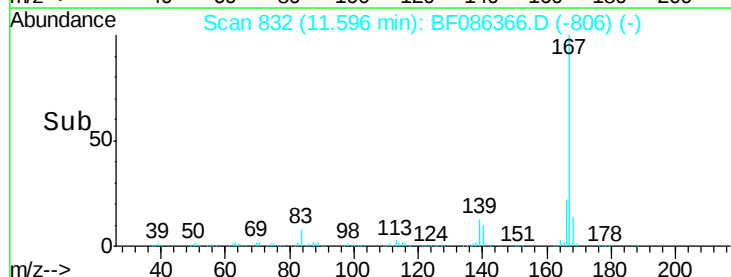
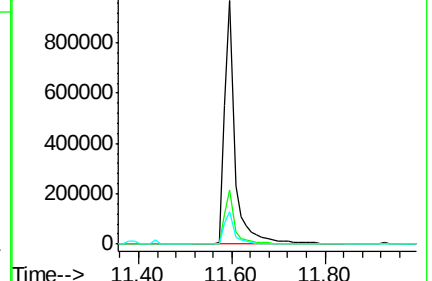
139 13.1 10.8 16.2

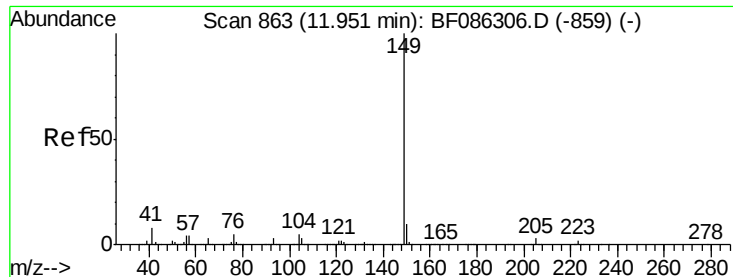


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.63 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

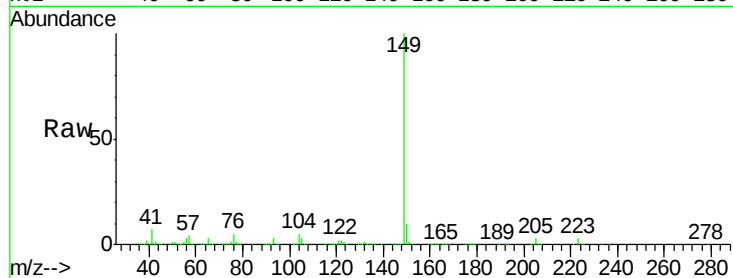
Tgt Ion:149 Resp: 1545568

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

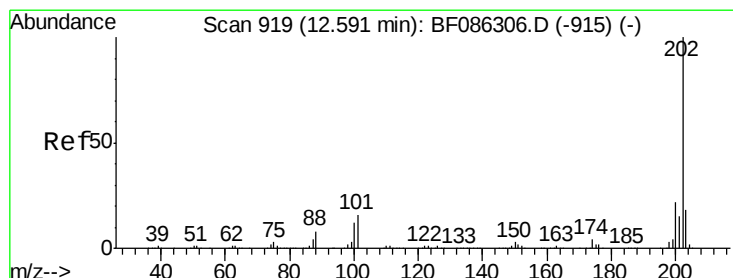
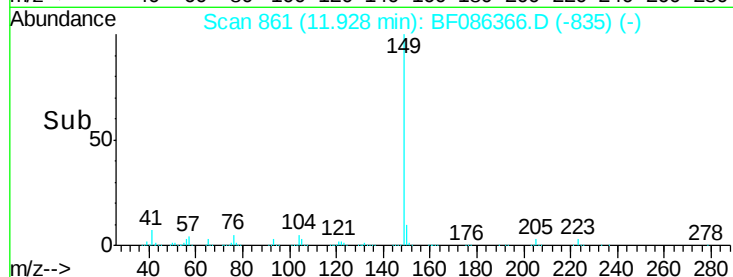
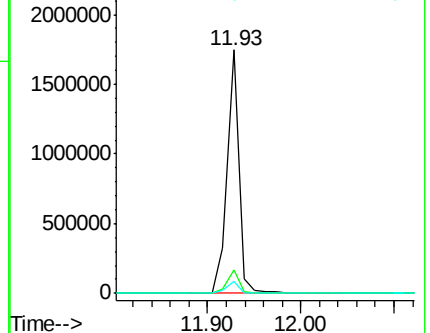
104 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.07 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

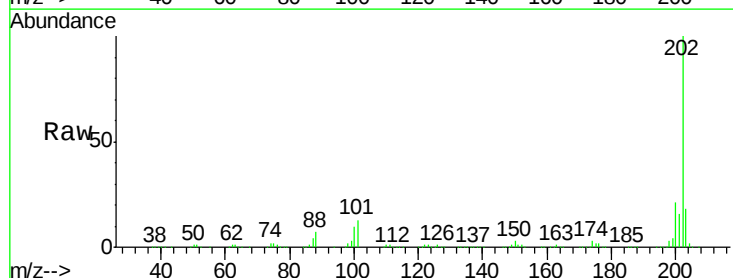
Tgt Ion:202 Resp: 1414422

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.4

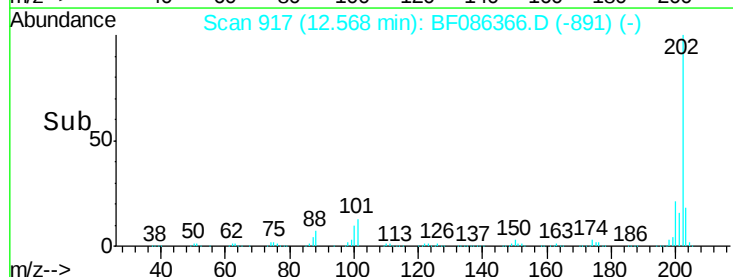
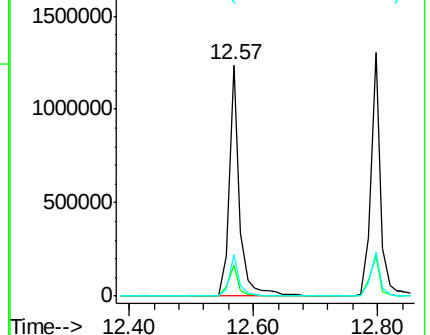
203 17.7 0.0 38.1

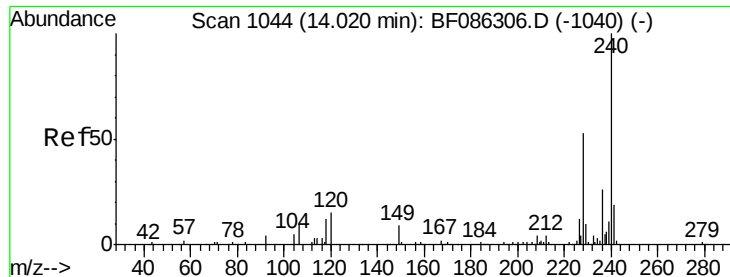


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

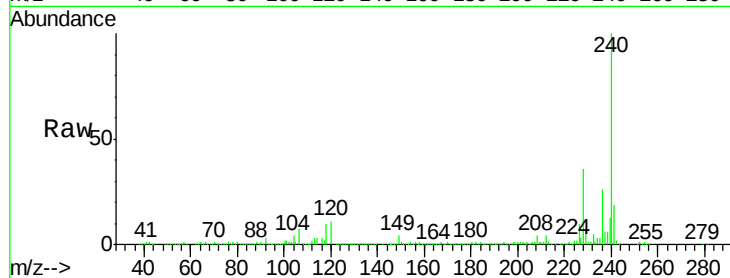
Tgt Ion:240 Resp: 514330

Ion Ratio Lower Upper

240 100

120 11.2 11.2 16.8#

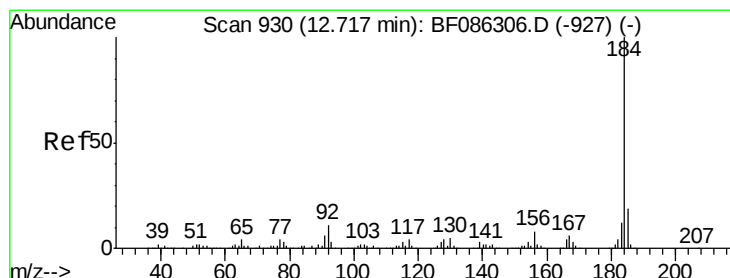
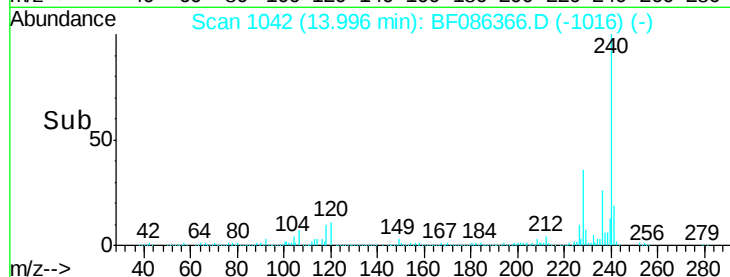
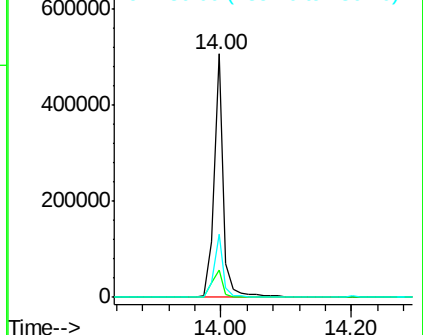
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.33 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

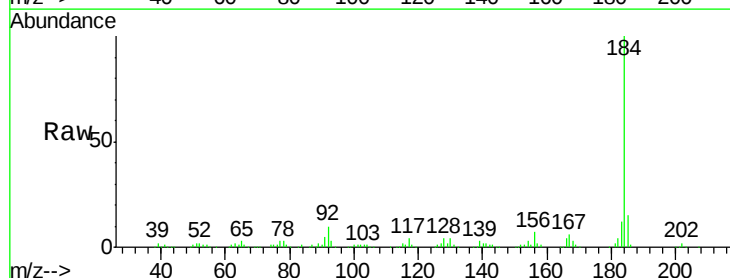
Tgt Ion:184 Resp: 449840

Ion Ratio Lower Upper

184 100

185 15.4 13.6 20.4

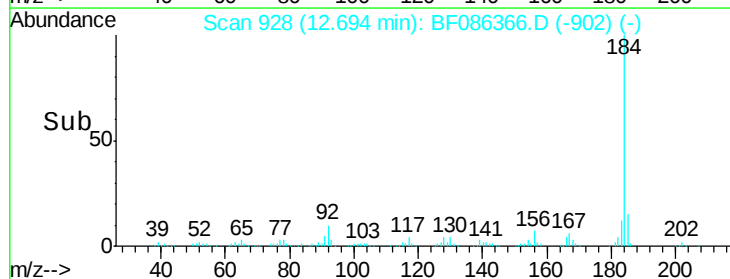
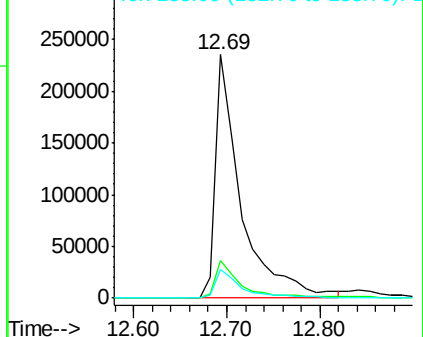
183 11.6 9.8 14.6

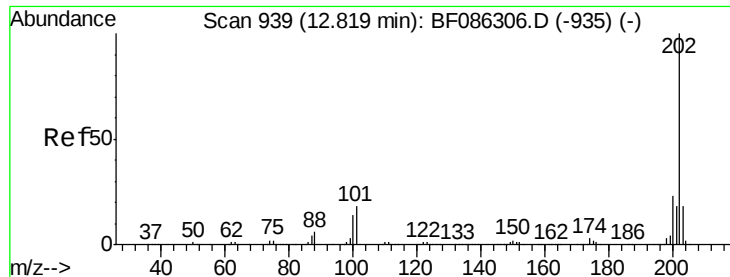


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

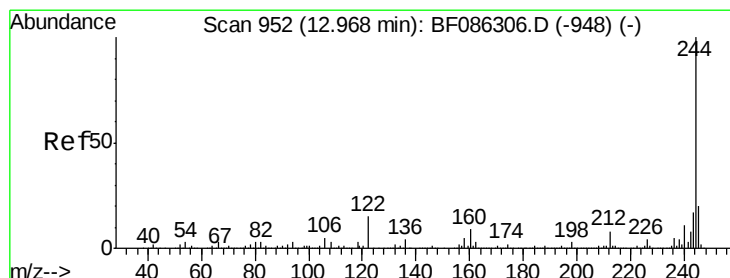
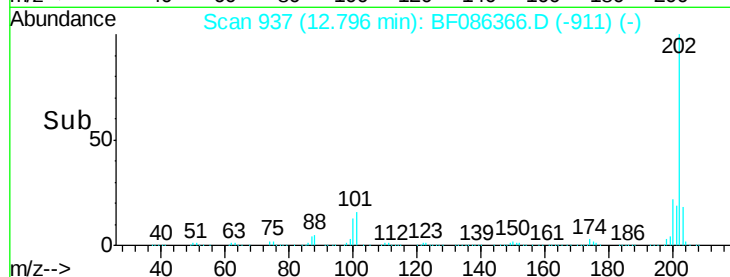
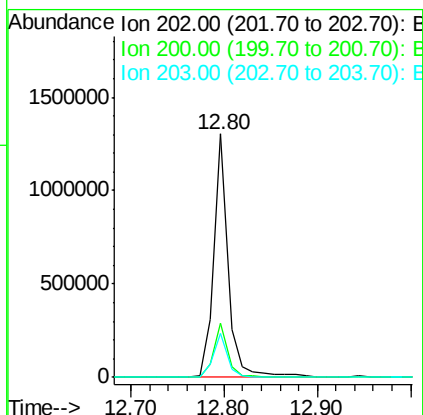
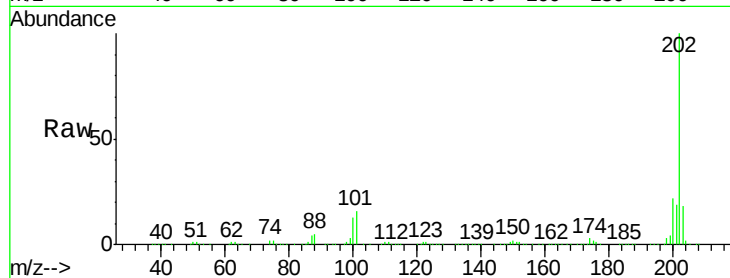




#77
 Pyrene
 Concen: 38.63 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

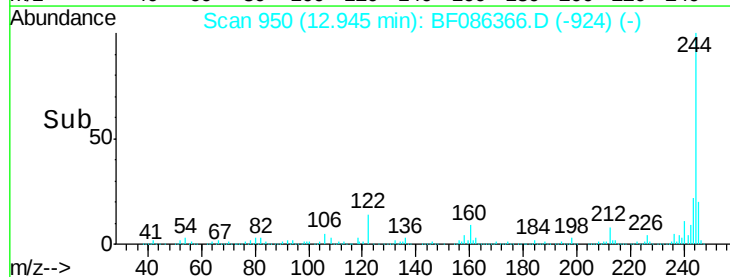
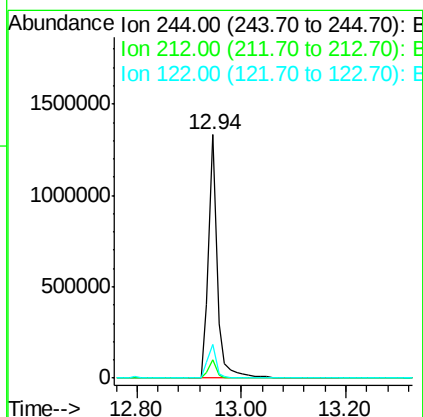
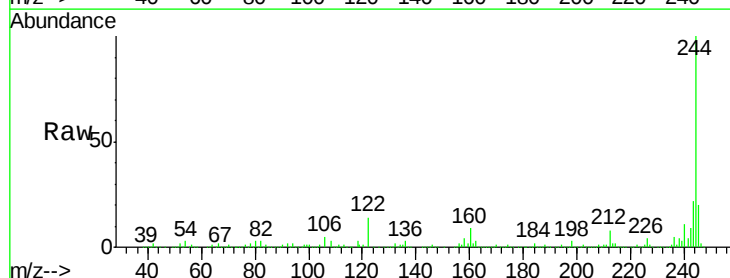
Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

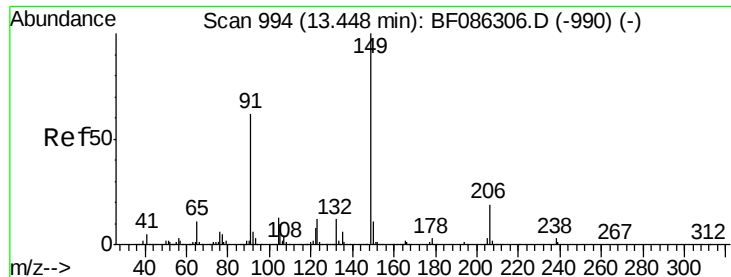
Tgt Ion: 202 Resp: 1385714
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.7 26.5
 203 18.2 14.2 21.4



#78
 Terphenyl-d14
 Concen: 75.47 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion: 244 Resp: 1562253
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.0 12.0 18.0

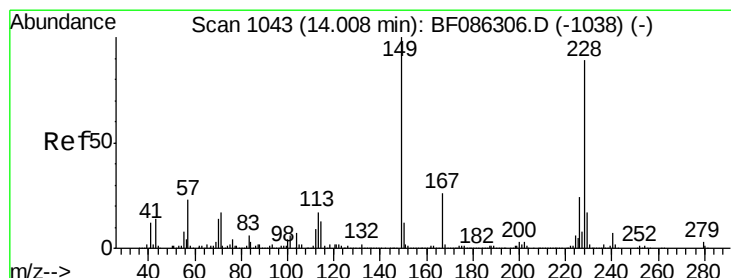
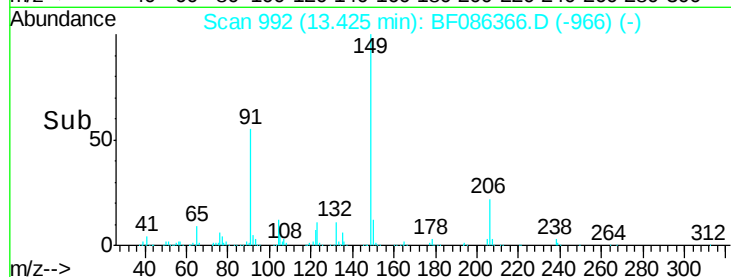
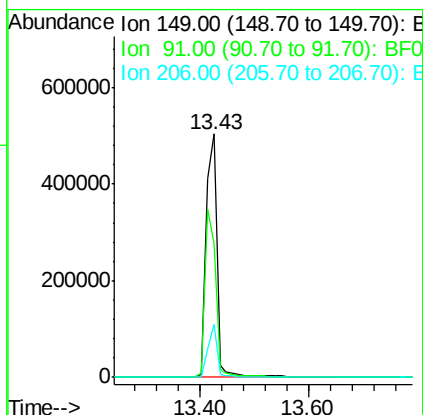
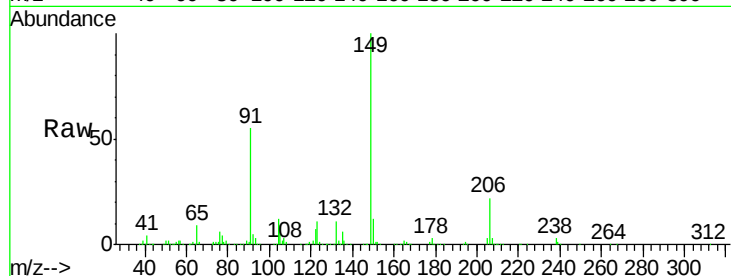




#79
Butylbenzylphthalate
Concen: 41.20 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

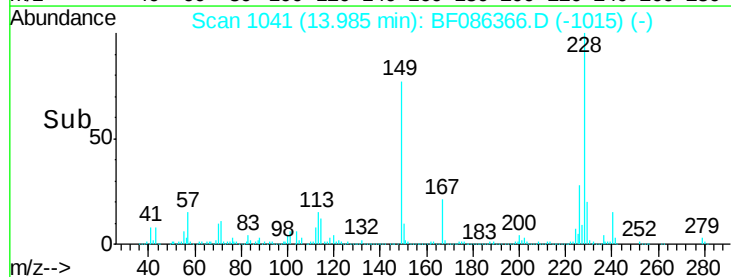
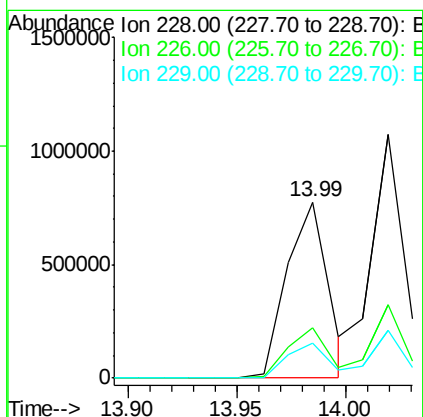
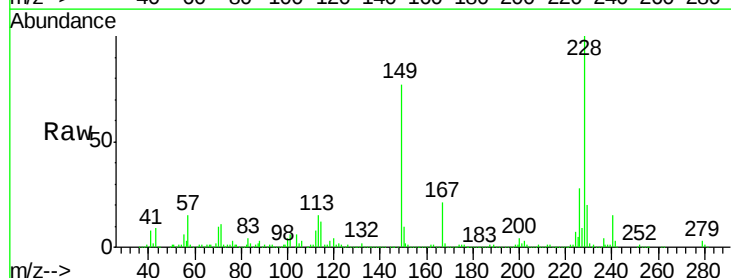
Instrument :
BNA_F
ClientSampleId :
PB89976BS

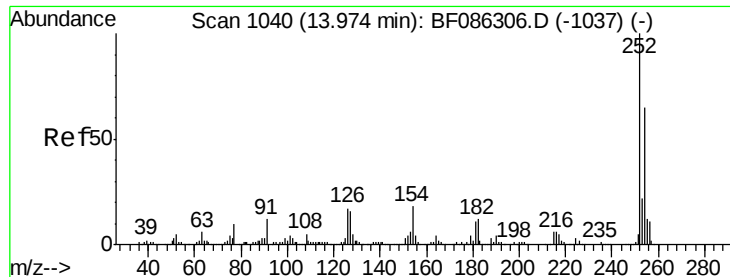
Tgt Ion:149 Resp: 688422
Ion Ratio Lower Upper
149 100
91 54.6 48.0 72.0
206 21.6 15.8 23.6



#80
Benzo(a)anthracene
Concen: 38.14 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:228 Resp: 1018272
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 19.7 16.6 25.0

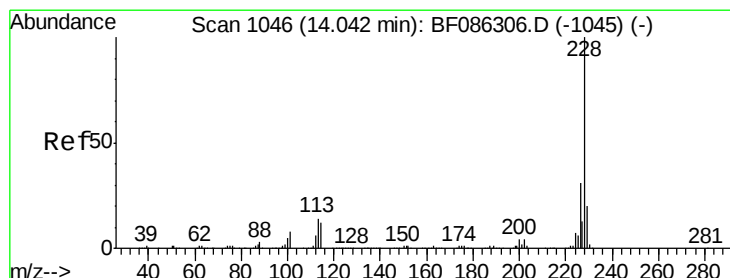
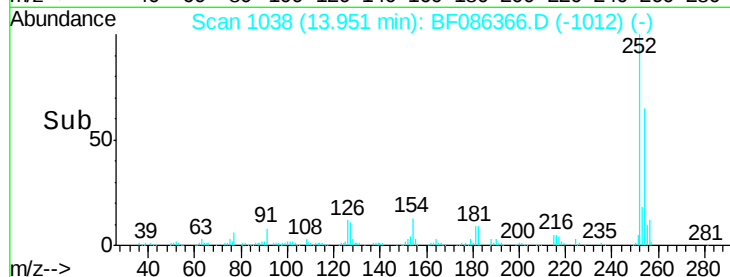
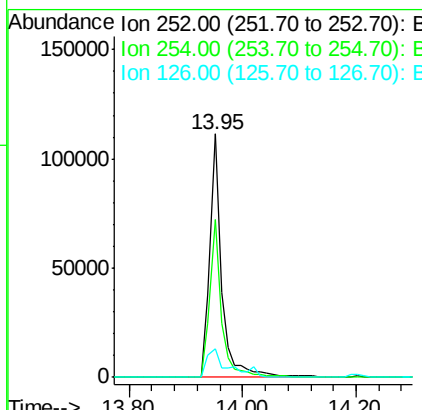
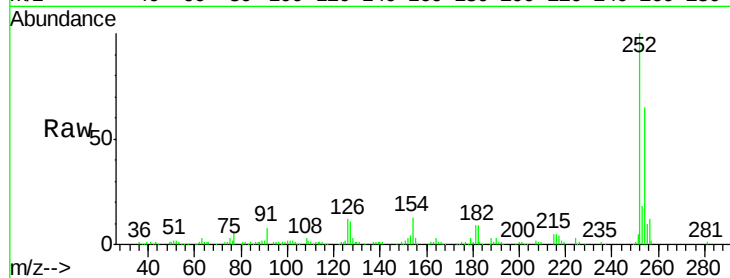




#81
 3,3'-Dichlorobenzidine
 Concen: 8.55 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

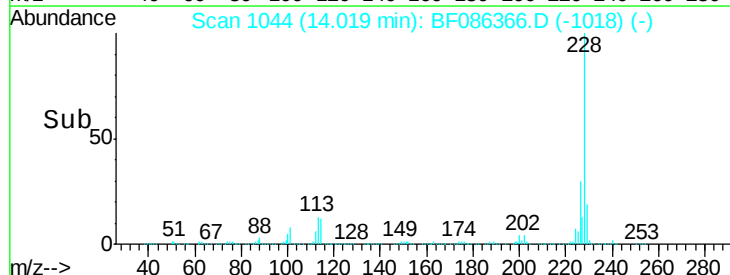
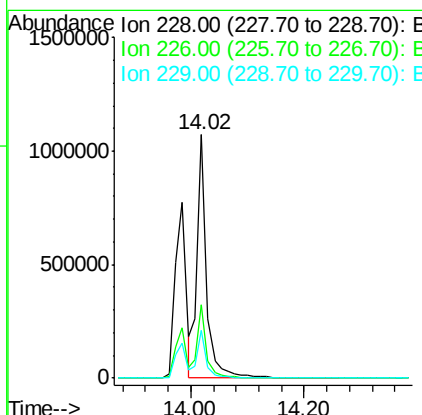
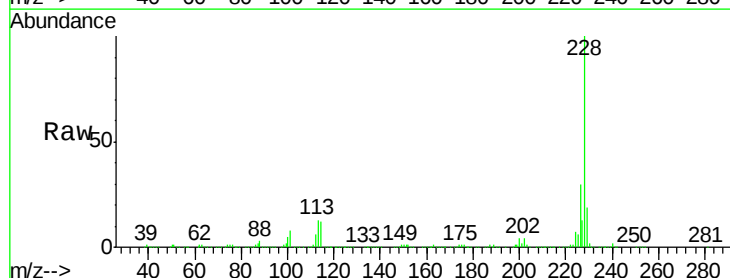
Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

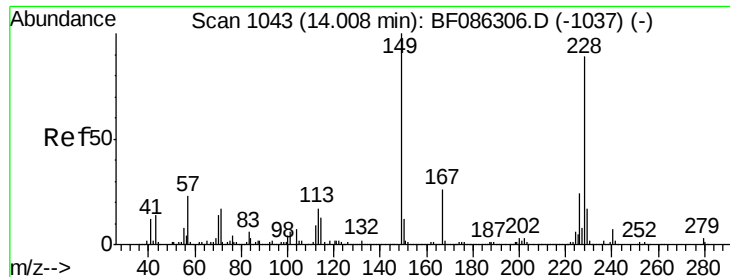
Tgt Ion: 252 Resp: 157435
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.7 76.1
 126 11.6 12.7 19.1#



#82
 Chrysene
 Concen: 41.49 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion: 228 Resp: 1248000
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 19.4 15.8 23.8

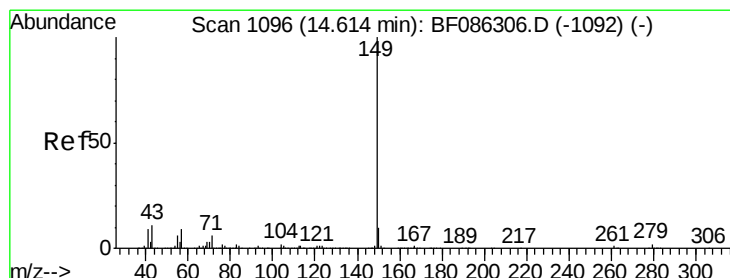
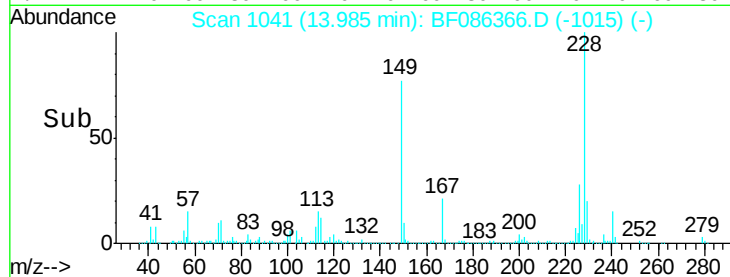
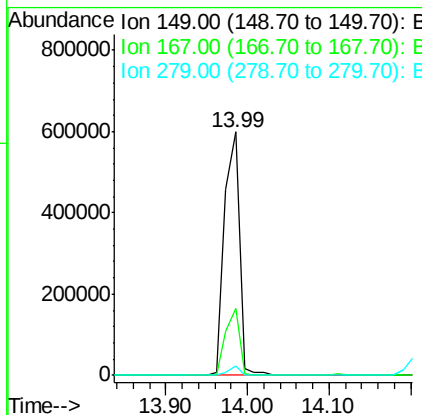
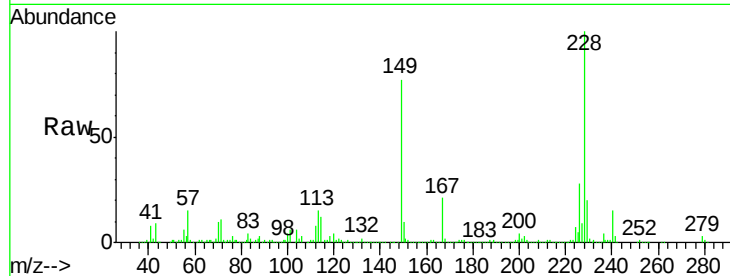




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.49 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

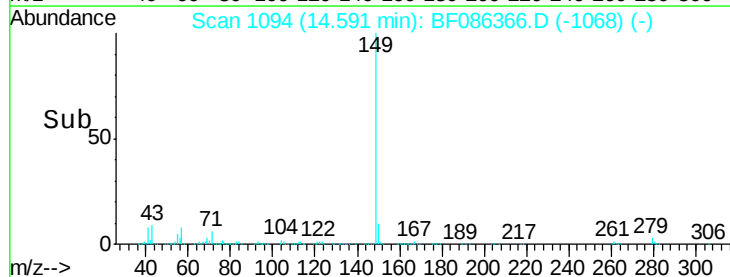
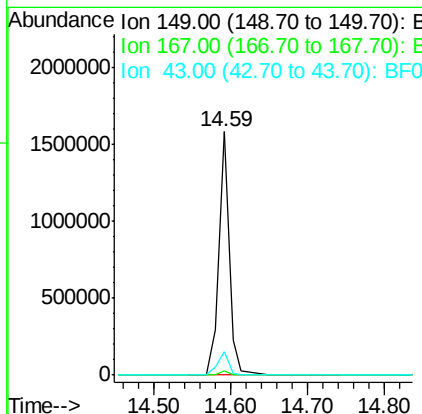
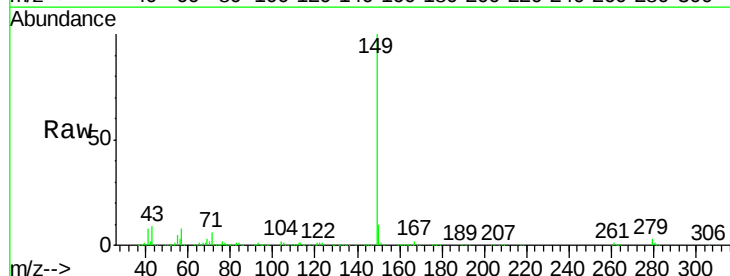
Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

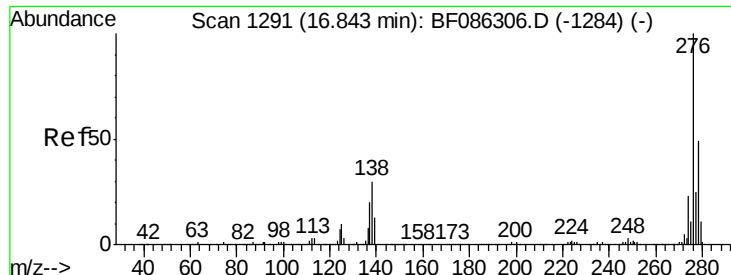
Tgt Ion:	149	Resp:	757558
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	3.7	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 41.67 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion:	149	Resp:	1496770
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.0	8.2	12.4

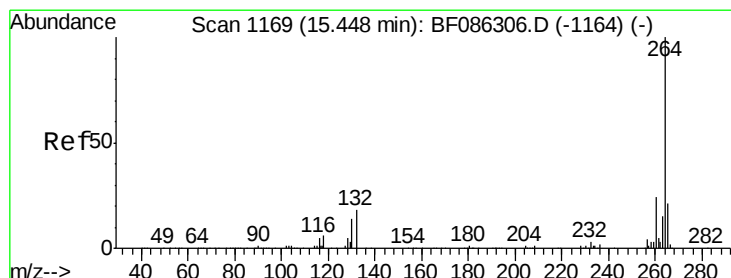
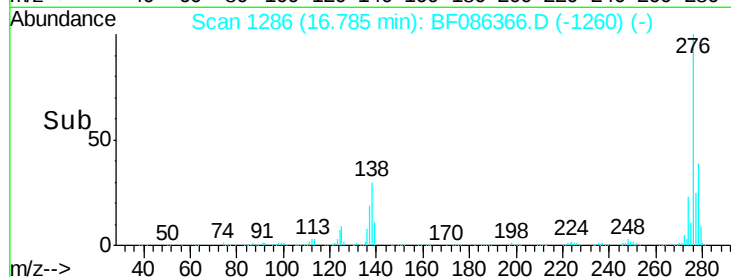
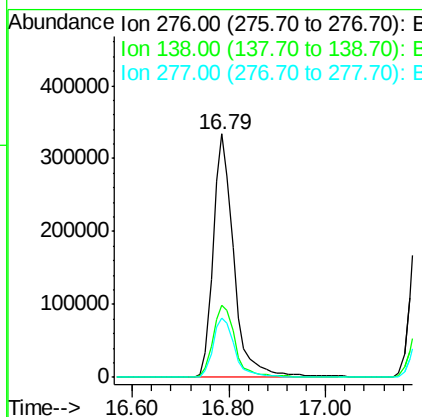
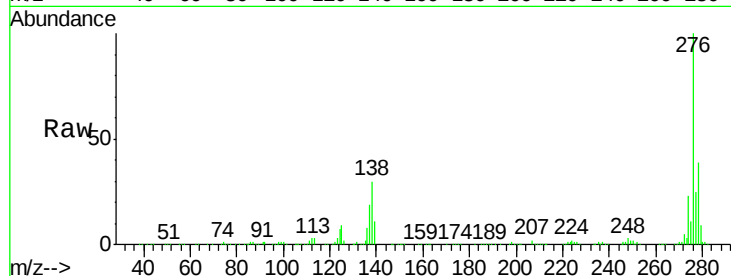




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.54 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

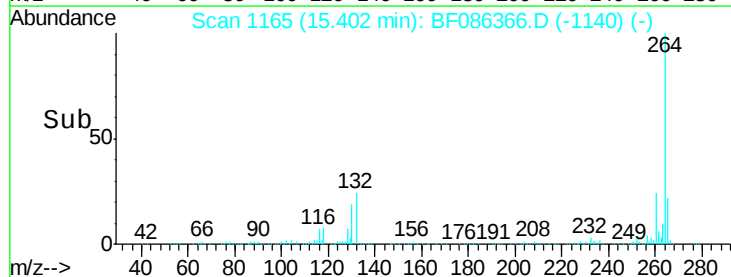
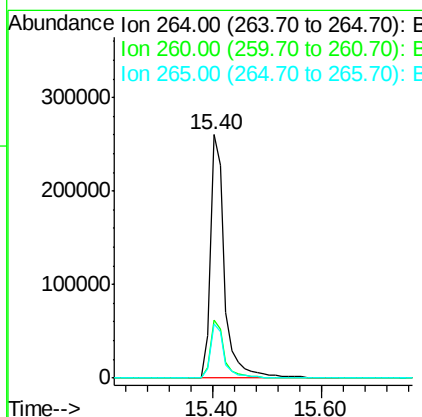
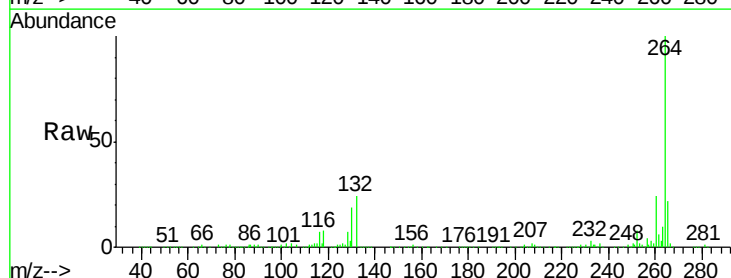
Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

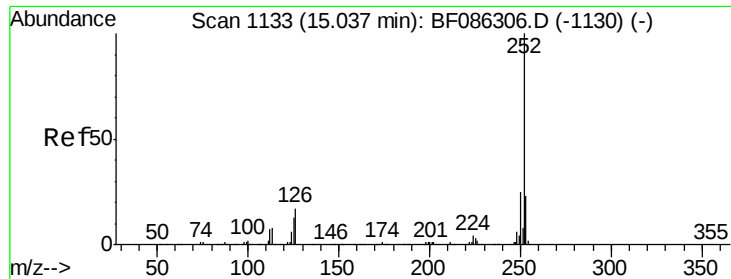
Tgt Ion: 276 Resp: 1003770
 Ion Ratio Lower Upper
 276 100
 138 32.3 25.6 38.4
 277 25.9 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion: 264 Resp: 476685
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 84.20 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.03 min

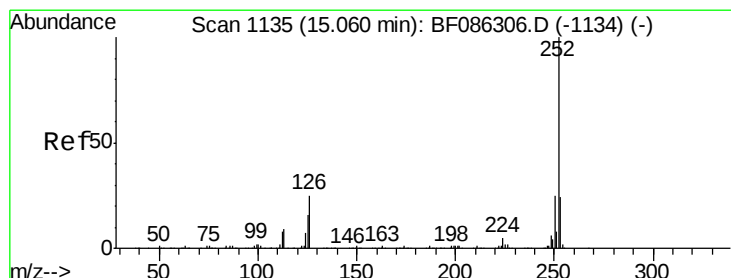
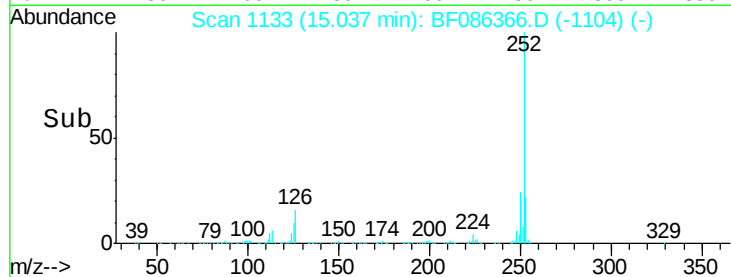
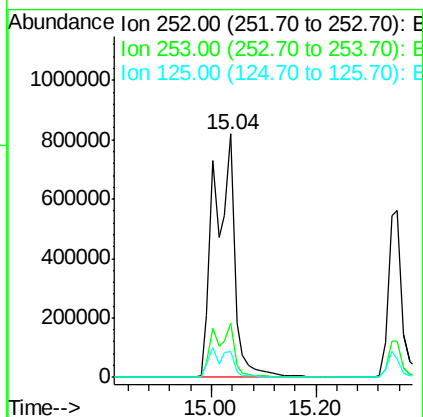
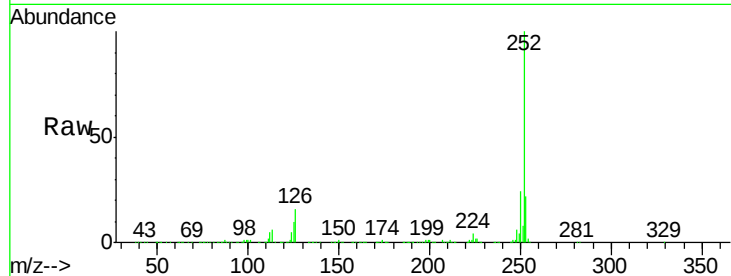
Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tgt Ion:252 Resp: 2203107

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 85.91 ng

RT: 15.04 min Scan# 1133

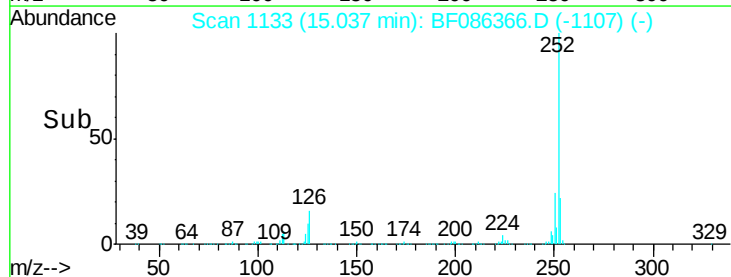
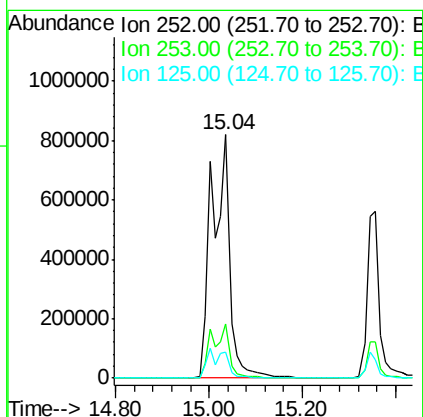
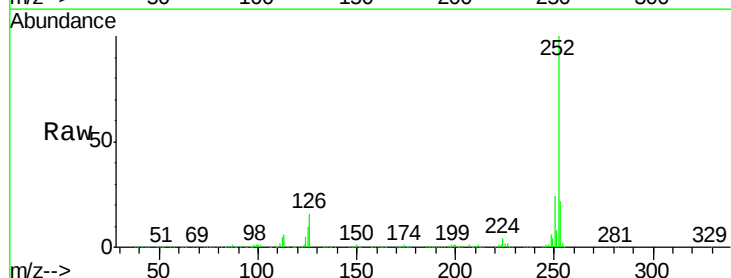
Delta R.T. 0.00 min

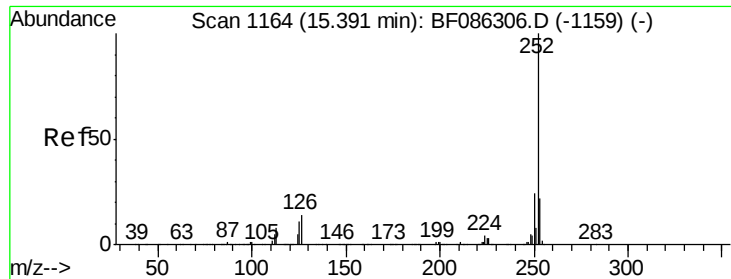
Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:252 Resp: 2206140

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	9.1	13.7





#89

Benzo(a)pyrene

Concen: 40.73 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

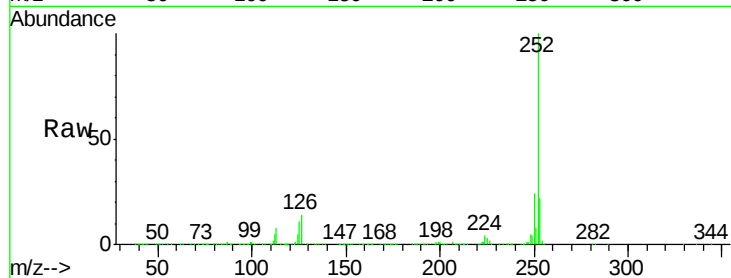
Tgt Ion:252 Resp: 1051202

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

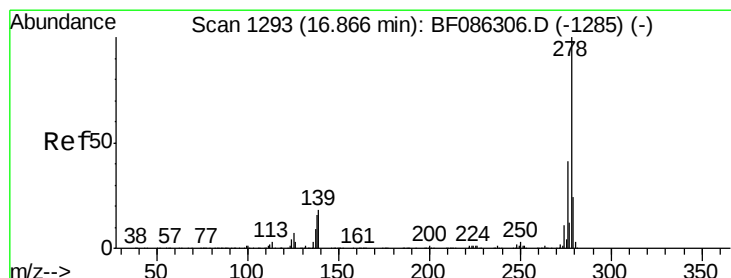
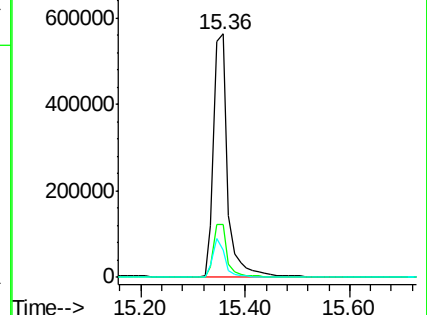
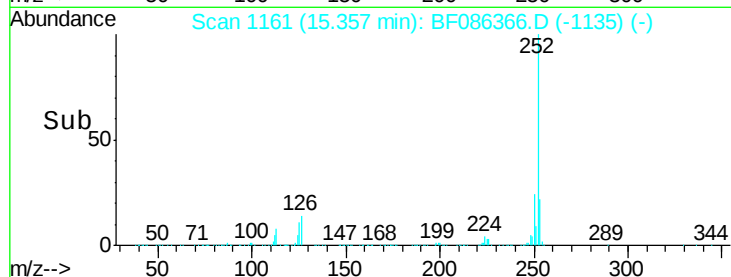
125 11.0 9.0 13.6



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: 39.28 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

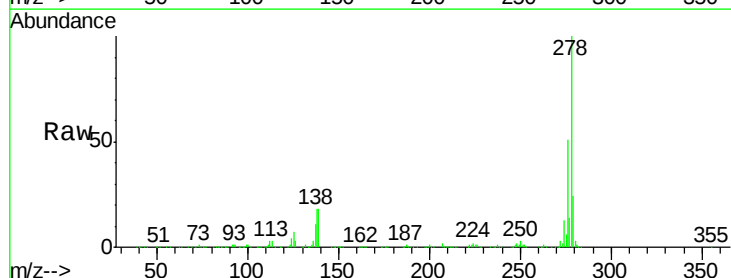
Tgt Ion:278 Resp: 836386

Ion Ratio Lower Upper

278 100

139 18.3 16.6 24.8

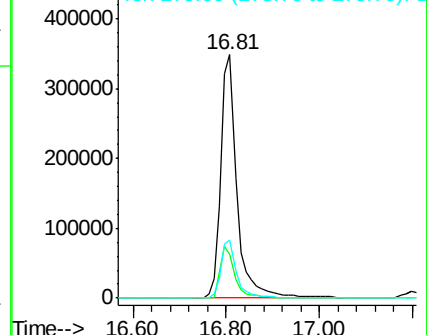
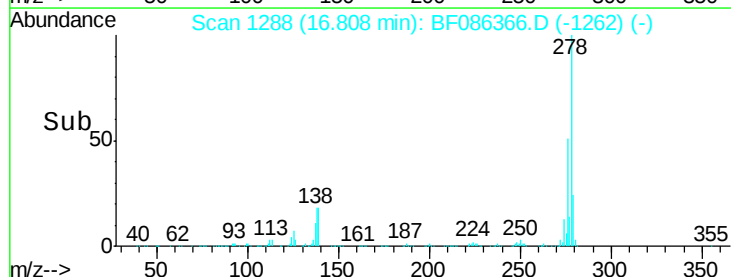
279 24.0 19.6 29.4

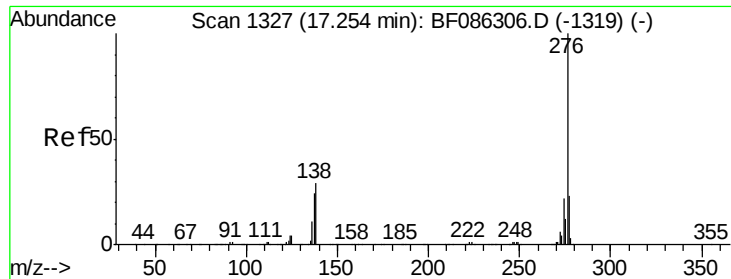


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.87 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.6	29.4
138	27.7	23.6	35.4

