

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086381.D
 Acq On : 23 Apr 2016 10:13
 Operator : UM/SJ
 Sample : H2640-29MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

Quant Time: Apr 25 00:46:43 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	162816	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	679438	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	334149	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	628182	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	425394	20.00	ng	0.00
86) Perylene-d12	15.40	264	377322	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1303580	138.27	ng	0.02
7) Phenol-d6	6.49	99	1811969	141.37	ng	0.01
23) Nitrobenzene-d5	7.41	82	1142942	99.65	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	405458	134.04	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1860326	95.01	ng	0.00
78) Terphenyl-d14	12.95	244	1645868	96.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	194138	37.24	ng	97
3) Pyridine	3.20	79	488425	39.32	ng	93
4) n-Nitrosodimethylamine	3.14	42	220887	46.87	ng	97
6) Aniline	6.51	93	352744	22.55	ng	94
8) 2-Chlorophenol	6.62	128	515068	44.75	ng	94
9) Benzaldehyde	6.38	77	106425	13.67	ng	92
10) Phenol	6.50	94	682252	45.08	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	520173	39.48	ng	98
12) 1,3-Dichlorobenzene	6.78	146	568622	46.32	ng	97
13) 1,4-Dichlorobenzene	6.86	146	579364	42.97	ng	99
14) 1,2-Dichlorobenzene	7.01	146	535933	43.74	ng	98
15) Benzyl Alcohol	6.99	79	421552	55.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	698780	40.46	ng	99
17) 2-Methylphenol	7.10	107	456874	48.44	ng	97
18) Hexachloroethane	7.36	117	202963	44.69	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	360262	47.03	ng	94
20) 3+4-Methylphenols	7.25	107	481108	48.12	ng	# 90
22) Acetophenone	7.25	105	690222	48.42	ng	97
24) Nitrobenzene	7.42	77	525865	42.74	ng	97
25) Isophorone	7.66	82	972815	43.28	ng	99
26) 2-Nitrophenol	7.74	139	309445	50.91	ng	98
27) 2,4-Dimethylphenol	7.79	122	533550	51.26	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	635811	50.66	ng	99
29) 2,4-Dichlorophenol	7.98	162	455826	52.98	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	454991	48.68	ng	96
31) Naphthalene	8.14	128	1564253	45.19	ng	99
32) Benzoic acid	7.79	122	533550	80.18	ng	# 17
33) 4-Chloroaniline	8.20	127	152474	11.31	ng	98
34) Hexachlorobutadiene	8.27	225	229141	49.10	ng	98
35) Caprolactam	8.57	113	82645	26.77	ng	88
36) 4-Chloro-3-methylphenol	8.69	107	516390	50.50	ng	90
37) 2-Methylnaphthalene	8.84	142	1024099	51.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	374015	43.26	ng	99
40) Hexachlorocyclopentadiene	8.99	237	383434	90.81	ng	95

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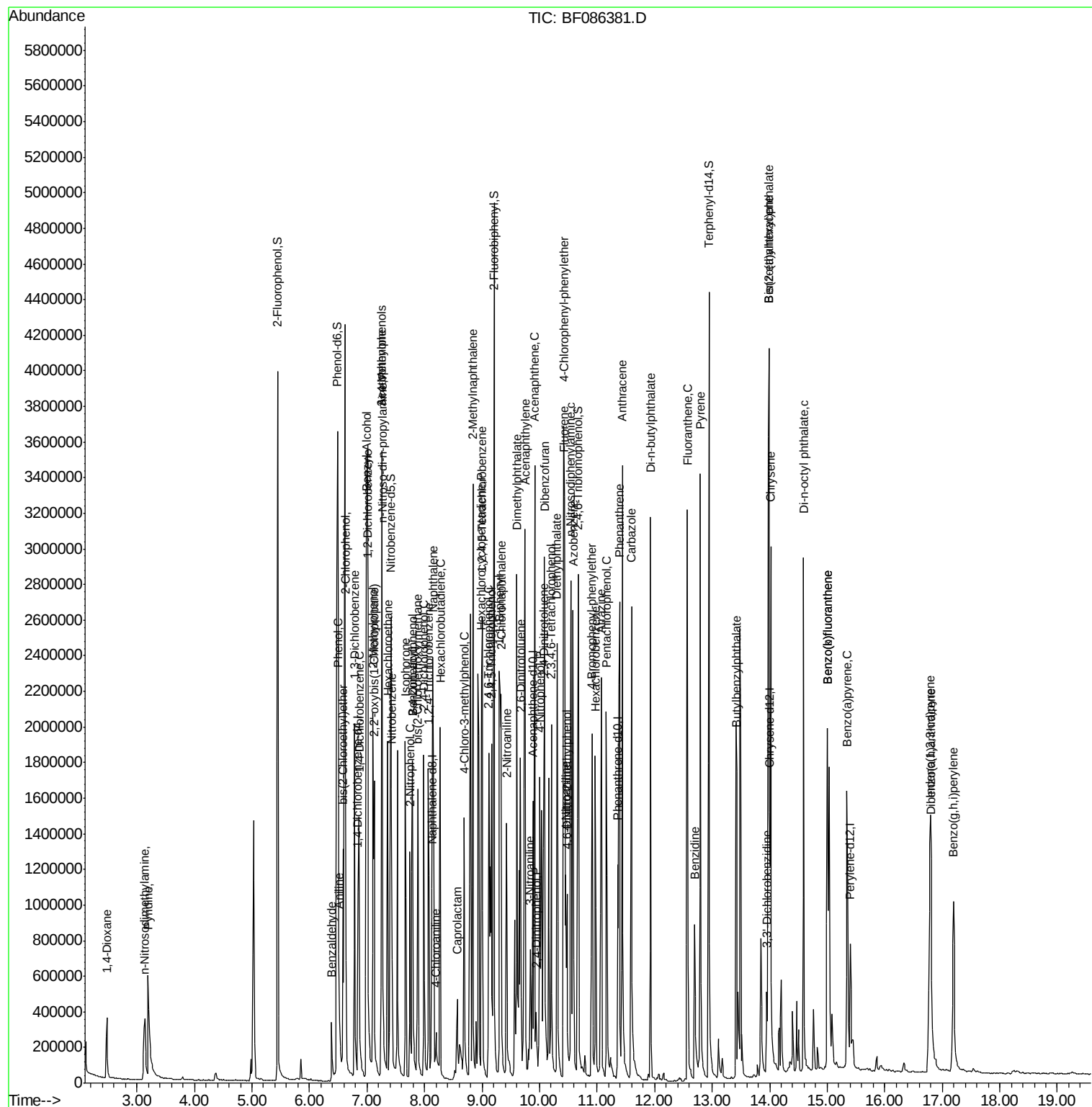
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	283205	49.96	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	329210	47.17	ng #	93
45) 1,1'-Biphenyl	9.31	154	1211408	46.73	ng	99
46) 2-Chloronaphthalene	9.33	162	966675	47.11	ng	98
47) 2-Nitroaniline	9.42	65	322167	50.42	ng	98
48) Acenaphthylene	9.74	152	1561341	46.93	ng	99
49) Dimethylphthalate	9.61	163	1223153	50.67	ng	99
50) 2,6-Dinitrotoluene	9.66	165	241945	46.40	ng	98
51) Acenaphthene	9.92	154	948638	46.42	ng	99
52) 3-Nitroaniline	9.84	138	187269	28.69	ng	97
53) 2,4-Dinitrophenol	9.94	184	71945	26.54	ng	92
54) Dibenzofuran	10.09	168	1350630	51.46	ng	100
55) 4-Nitrophenol	10.01	139	450972	98.73	ng	96
56) 2,4-Dinitrotoluene	10.08	165	343483	49.61	ng #	73
57) Fluorene	10.43	166	1011174	47.01	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	263487	51.65	ng	98
59) Diethylphthalate	10.30	149	1029819	44.55	ng	98
60) 4-Chlorophenyl-phenylether	10.42	204	408351	43.41	ng	99
61) 4-Nitroaniline	10.45	138	313741	46.96	ng	94
62) Azobenzene	10.58	77	1160472	48.41	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	125990	32.82	ng	94
65) n-Nitrosodiphenylamine	10.54	169	939190	48.49	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	283844	46.15	ng	93
67) Hexachlorobenzene	10.97	284	292754	44.61	ng #	60
68) Atrazine	11.07	200	278600	46.58	ng	97
69) Pentachlorophenol	11.16	266	310118	80.47	ng	97
70) Phenanthrene	11.39	178	1485449	47.06	ng	100
71) Anthracene	11.44	178	1580854	43.71	ng	100
72) Carbazole	11.60	167	1626541	47.88	ng	99
73) Di-n-butylphthalate	11.93	149	1655562	46.33	ng	100
74) Fluoranthene	12.57	202	1491480	43.81	ng	98
76) Benzidine	12.69	184	570580	32.71	ng	97
77) Pyrene	12.80	202	1508606	50.85	ng	99
79) Butylbenzylphthalate	13.43	149	735872	53.24	ng	91
80) Benzo(a)anthracene	13.99	228	1030683	46.67	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	156032	10.24	ng #	97
82) Chrysene	14.02	228	1250006	50.24	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	844448	54.57	ng #	98
84) Di-n-octyl phthalate	14.59	149	1517182	51.07	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1088924	49.23	ng	99
87) Benzo(b)fluoranthene	15.00	252	957973	46.25	ng	98
88) Benzo(k)fluoranthene	15.00	252	957973	47.13	ng	99
89) Benzo(a)pyrene	15.35	252	1001461	49.02	ng #	95
90) Dibenzo(a,h)anthracene	16.81	278	898218	53.29	ng	95
91) Benzo(g,h,i)perylene	17.20	276	916550	52.68	ng	99

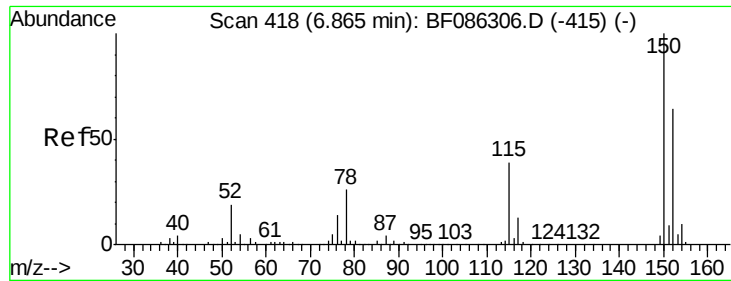
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

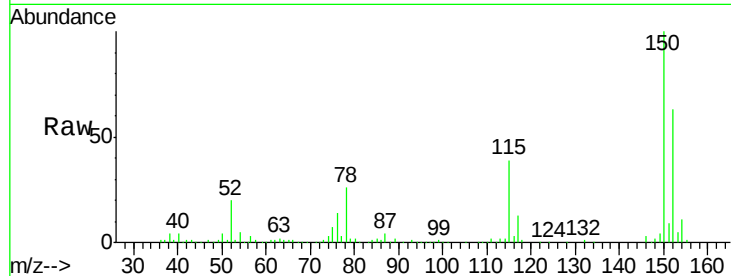
Tgt Ion: 152 Resp: 162816

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.6

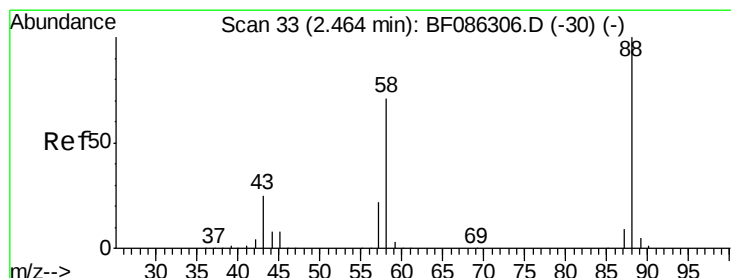
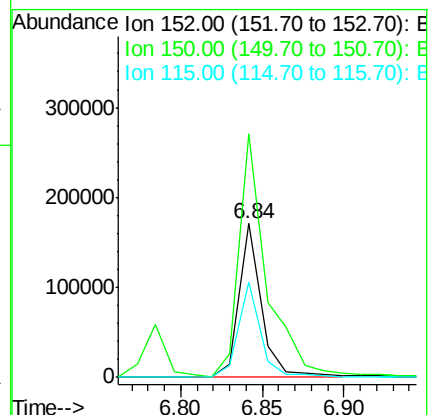
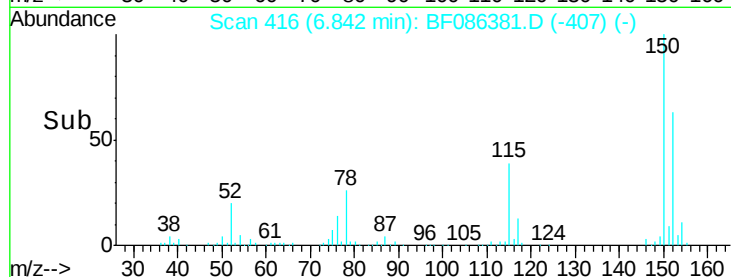
115 62.3 51.5 77.3



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: 37.24 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.07 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

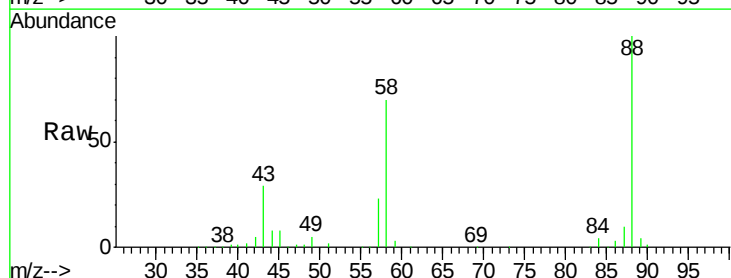
Tgt Ion: 88 Resp: 194138

Ion Ratio Lower Upper

88 100

58 72.2 59.6 89.4

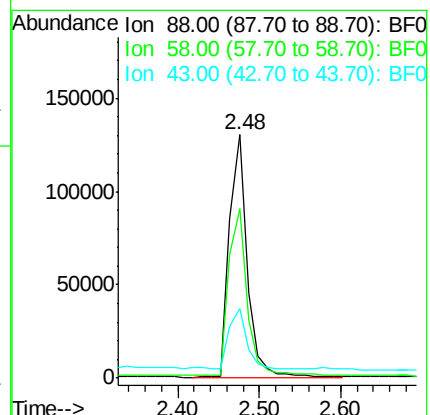
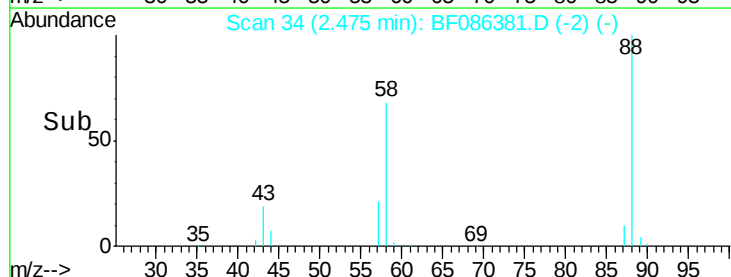
43 25.7 21.8 32.6

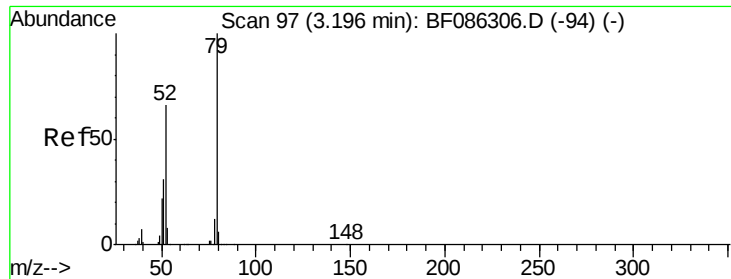


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.32 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.07 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

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ClientSampleId :

WPG-B3(5-9)-CMSD

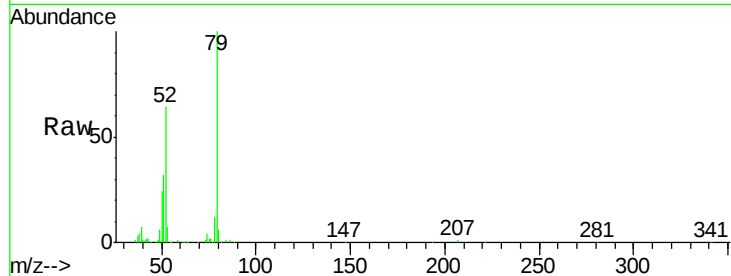
Tgt Ion: 79 Resp: 488425

Ion Ratio Lower Upper

79 100

52 63.8 55.9 83.9

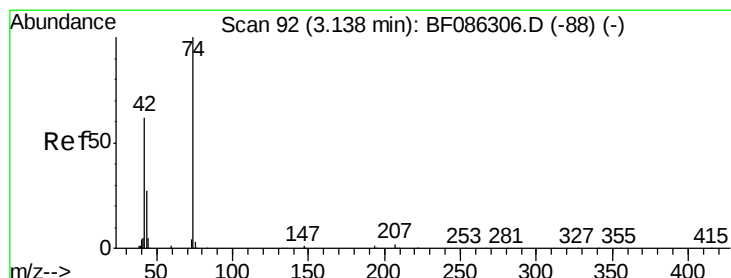
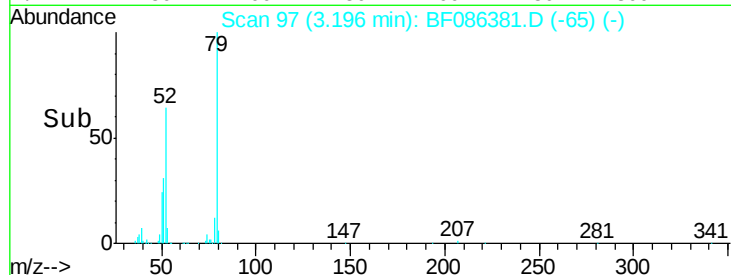
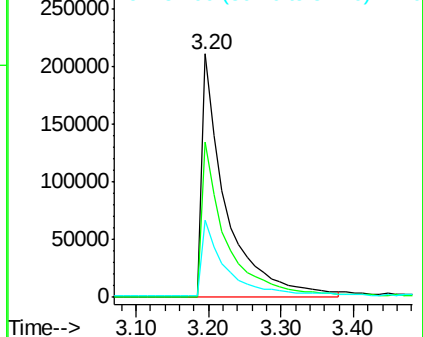
51 31.9 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.87 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.07 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

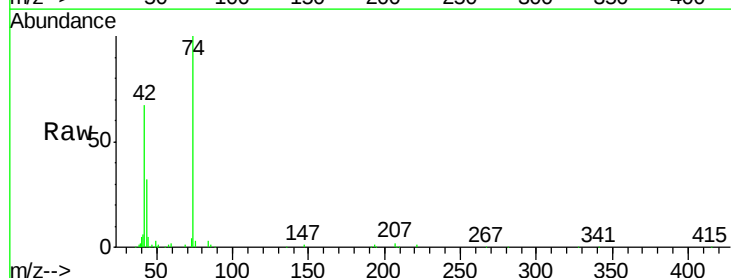
Tgt Ion: 42 Resp: 220887

Ion Ratio Lower Upper

42 100

74 149.6 123.4 185.0

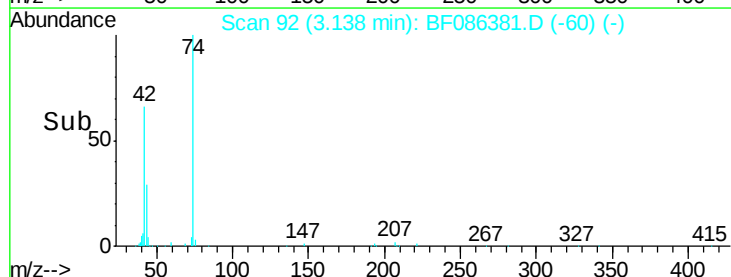
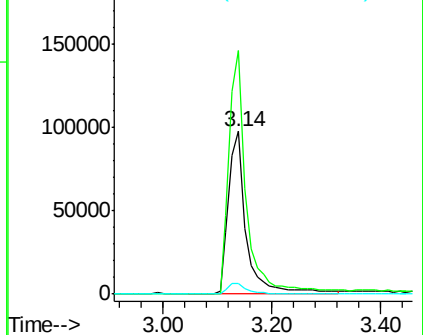
44 6.8 5.8 8.6

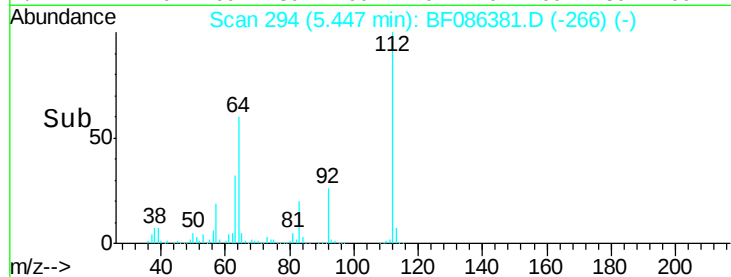
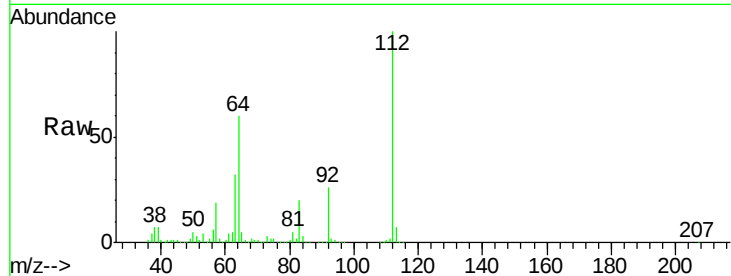
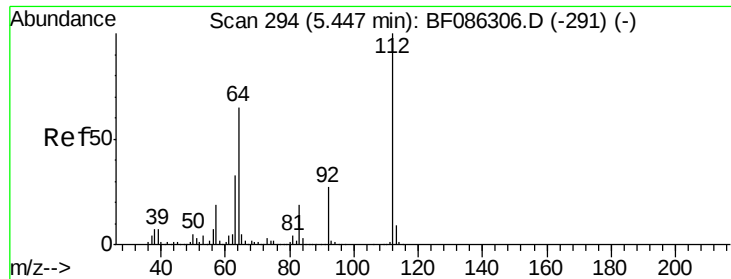


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 138.27 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

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WPG-B3(5-9)-CMSD

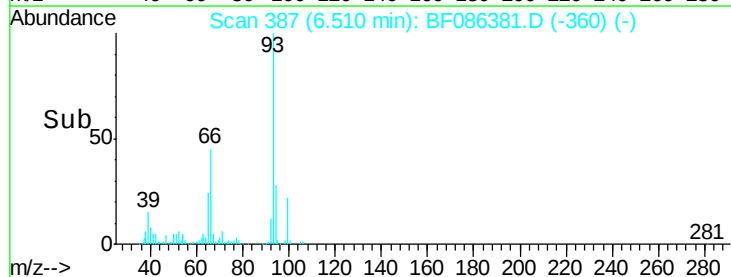
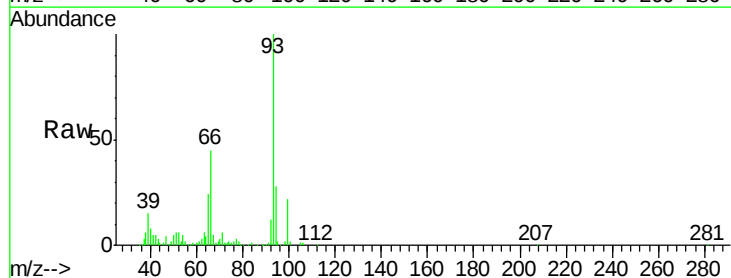
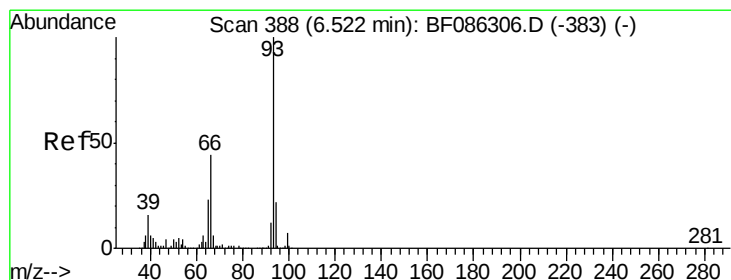
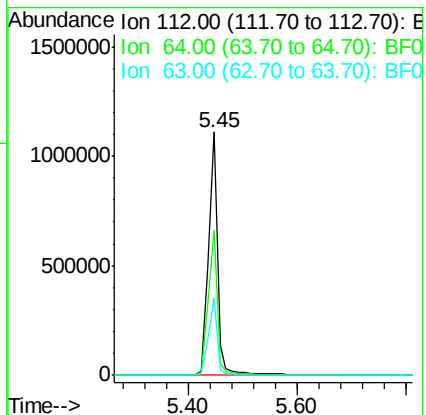
Tgt Ion:112 Resp: 1303580

Ion Ratio Lower Upper

112 100

64 59.8 52.1 78.1

63 31.5 25.7 38.5



#6

Aniline

Concen: 22.55 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF086381.D

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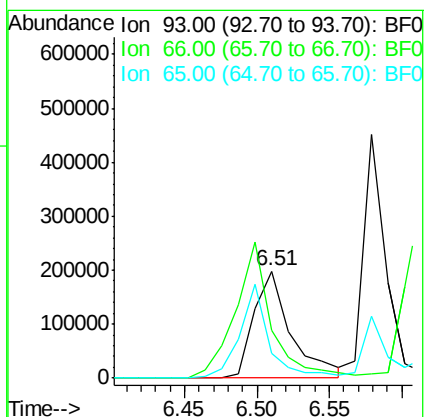
Tgt Ion: 93 Resp: 352744

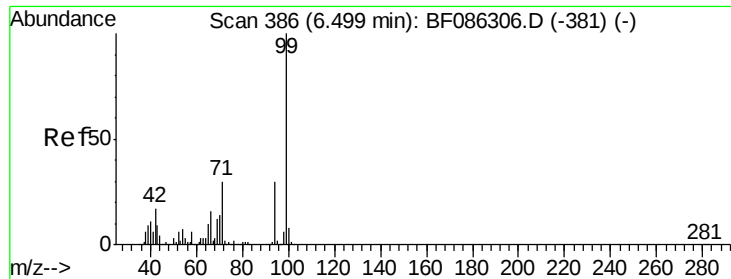
Ion Ratio Lower Upper

93 100

66 44.5 39.0 58.6

65 23.6 20.6 31.0





#7

Phenol-d6

Concen: 141.37 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

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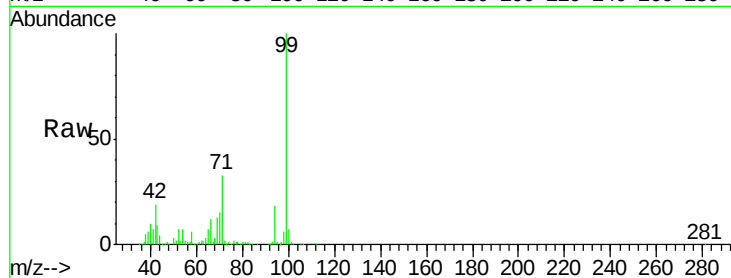
Tgt Ion: 99 Resp: 1811969

Ion Ratio Lower Upper

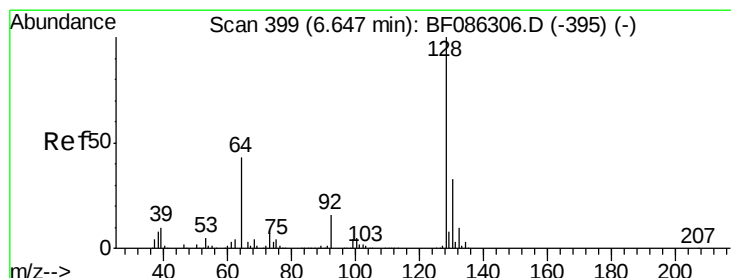
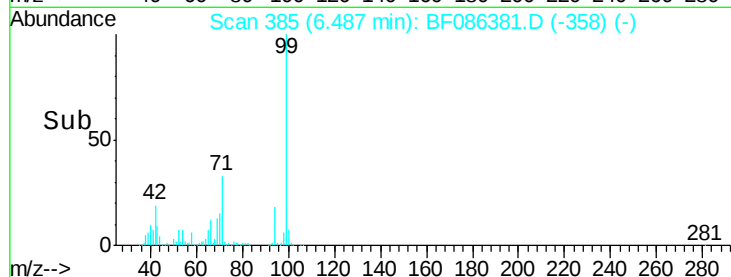
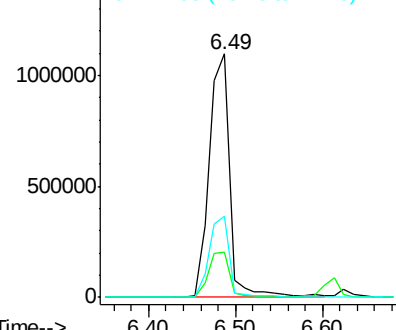
99 100

42 18.7 13.6 20.4

71 33.2 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: 44.75 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

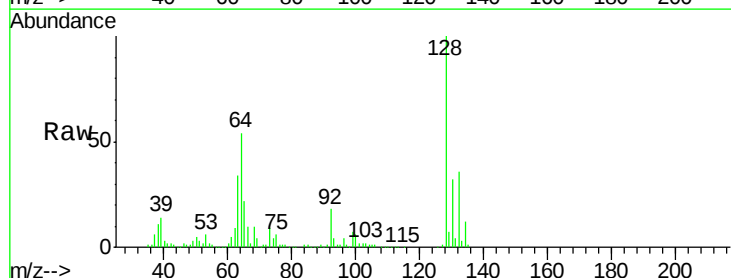
Tgt Ion: 128 Resp: 515068

Ion Ratio Lower Upper

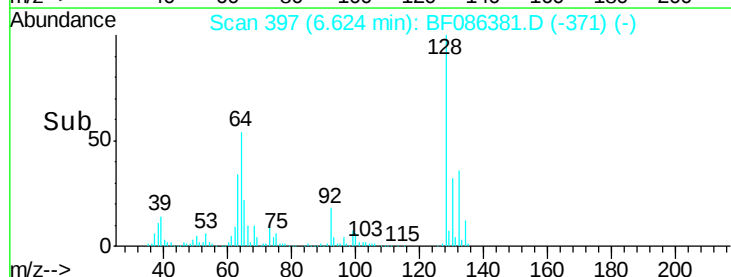
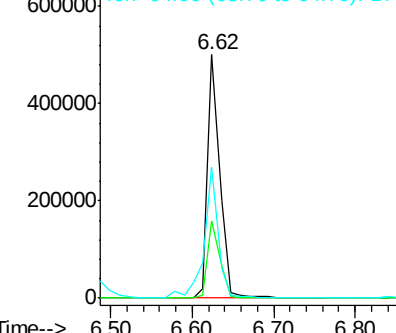
128 100

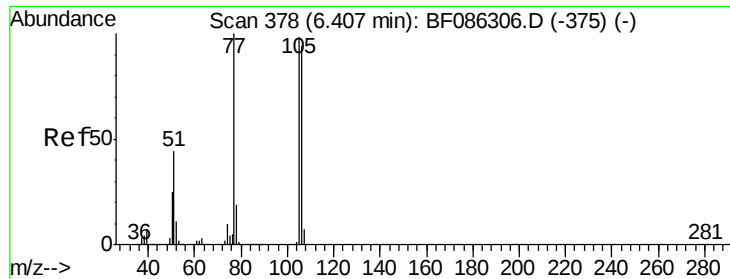
130 31.9 12.5 52.5

64 53.7 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: 13.67 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

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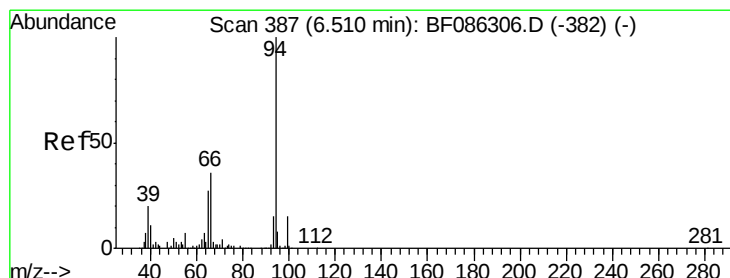
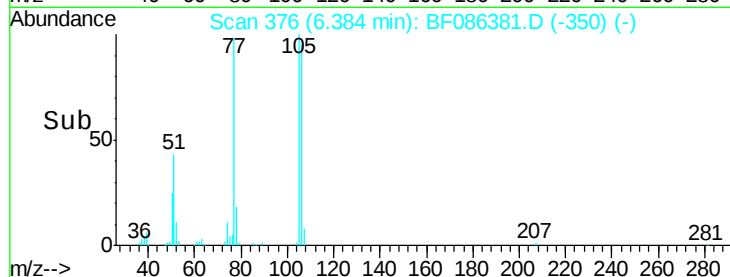
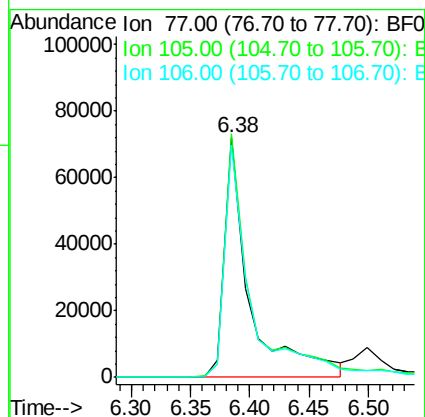
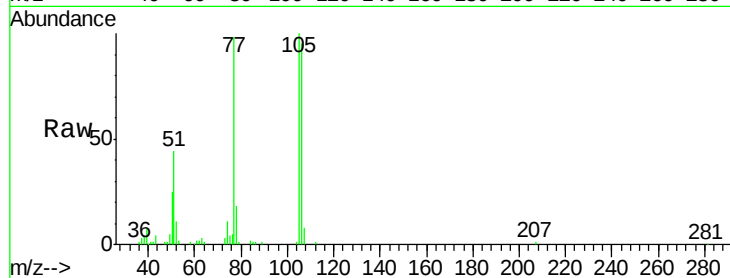
Tgt Ion: 77 Resp: 106425

Ion Ratio Lower Upper

77 100

105 101.8 72.7 112.7

106 97.2 70.8 110.8



#10

Phenol

Concen: 45.08 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

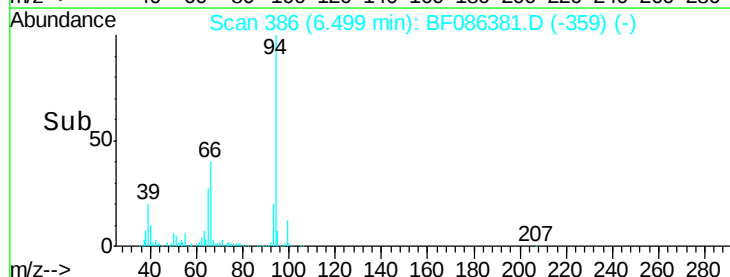
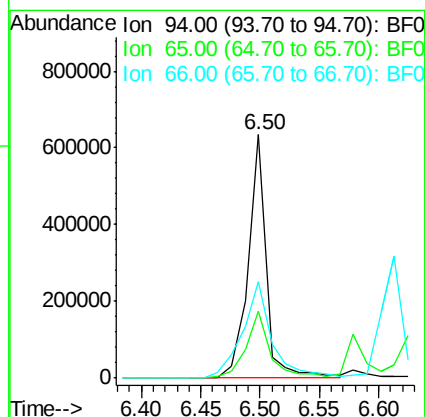
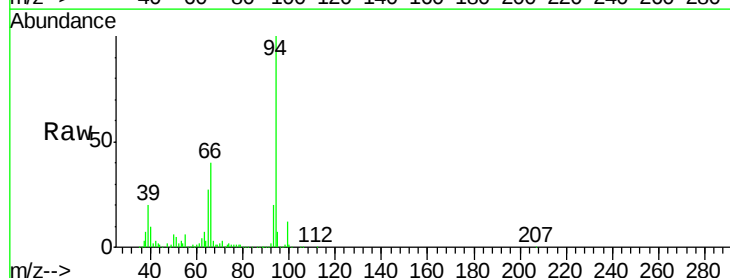
Tgt Ion: 94 Resp: 682252

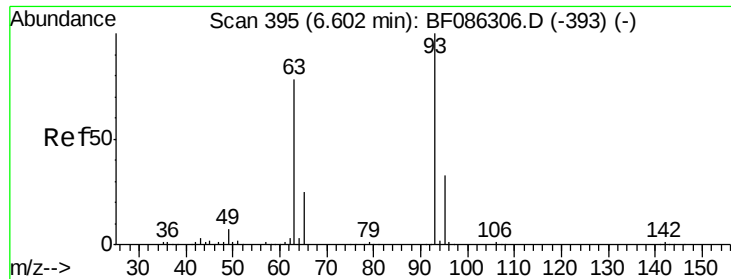
Ion Ratio Lower Upper

94 100

65 27.3 7.2 47.2

66 39.6 14.9 54.9

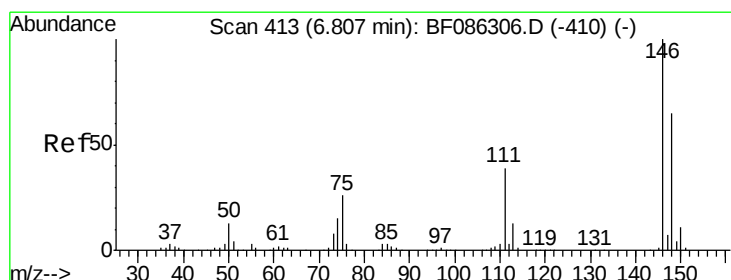
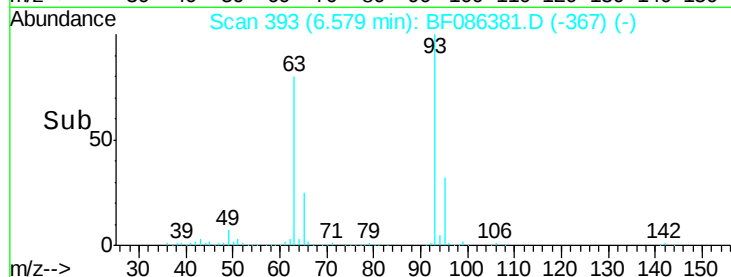
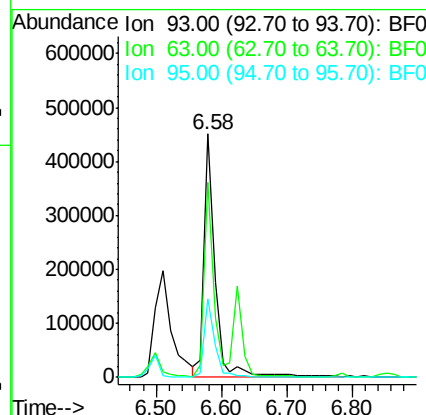
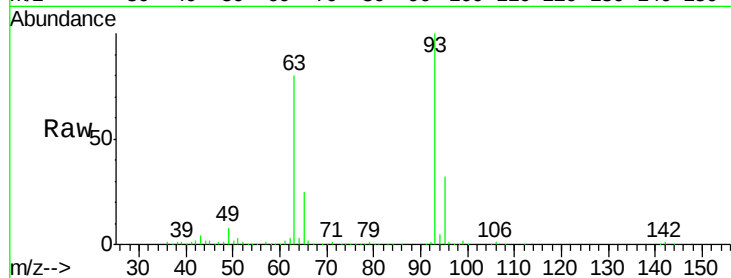




#11
bis(2-Chloroethyl)ether
Concen: 39.48 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

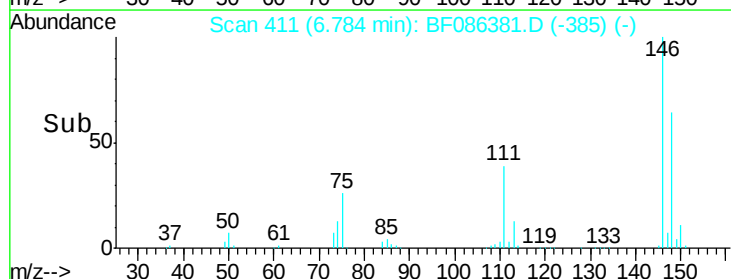
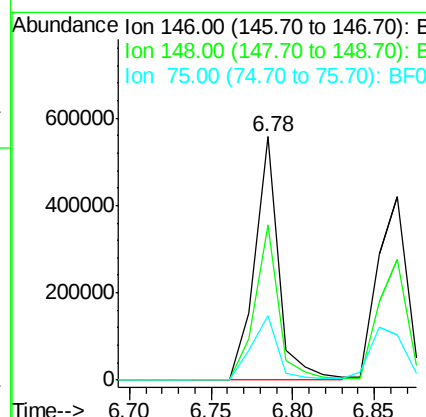
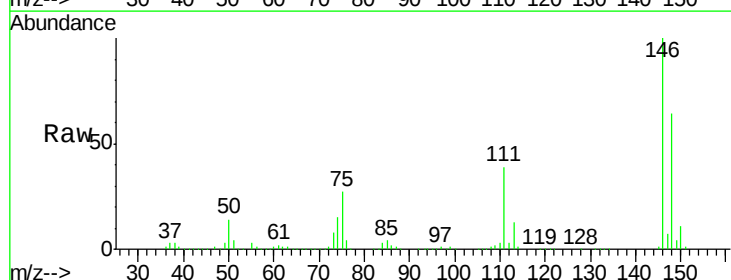
Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

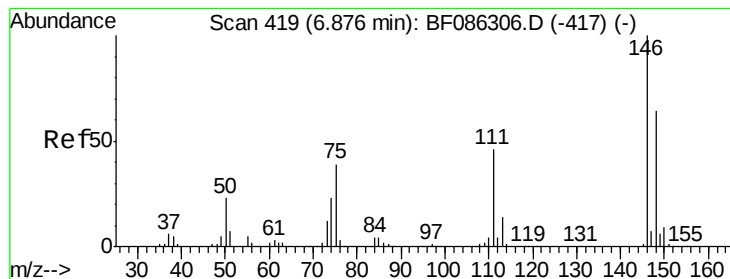
Tgt Ion: 93 Resp: 520173
Ion Ratio Lower Upper
93 100
63 79.8 58.0 98.0
95 32.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 46.32 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion: 146 Resp: 568622
Ion Ratio Lower Upper
146 100
148 63.7 52.4 78.6
75 26.6 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 42.97 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

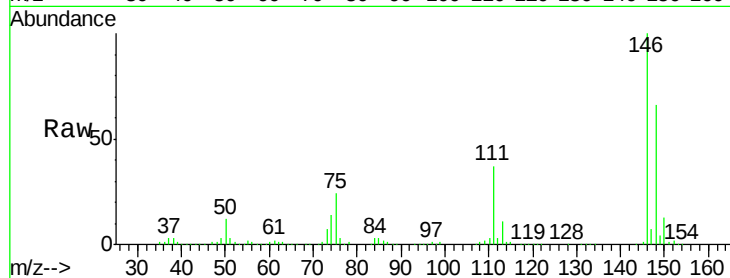
Tgt Ion:146 Resp: 579364

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

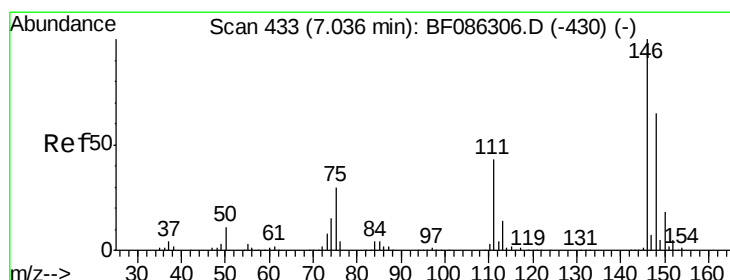
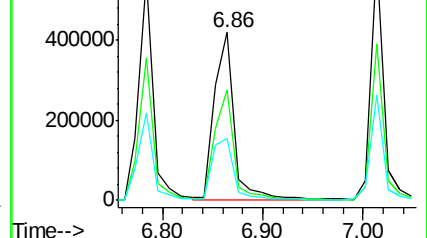
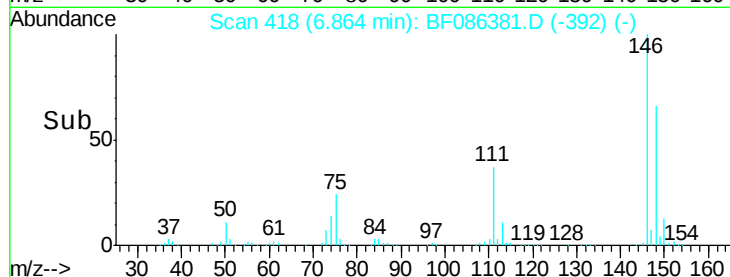
111 36.9 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.74 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

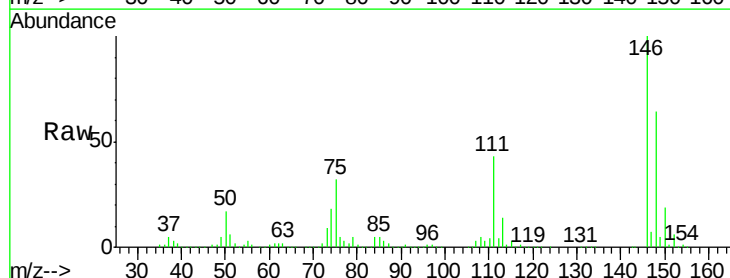
Tgt Ion:146 Resp: 535933

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

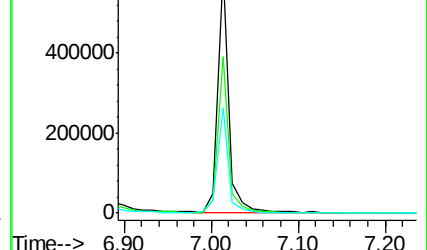
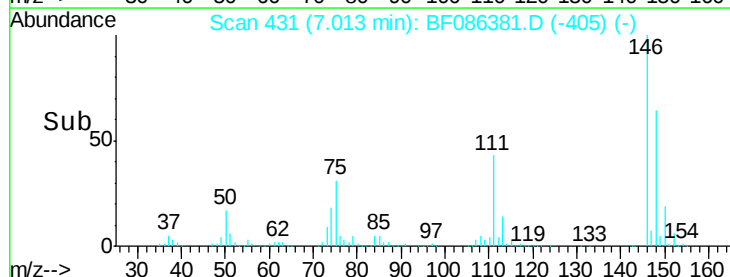
111 43.5 36.2 54.4

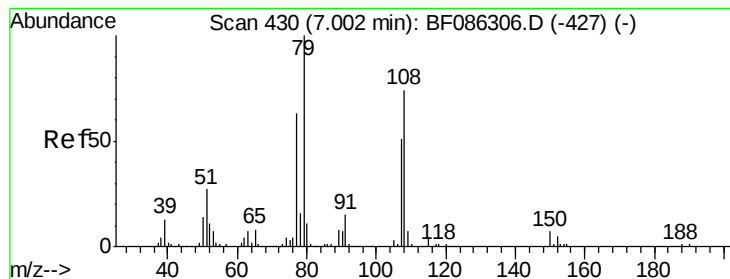


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.42 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

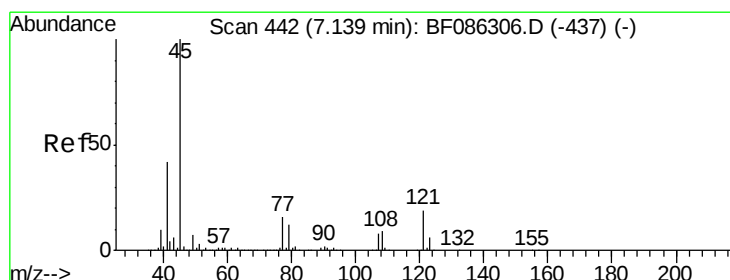
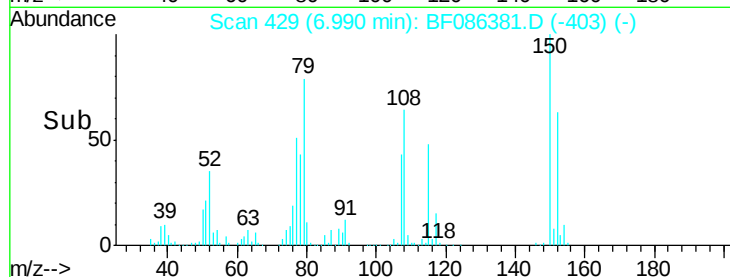
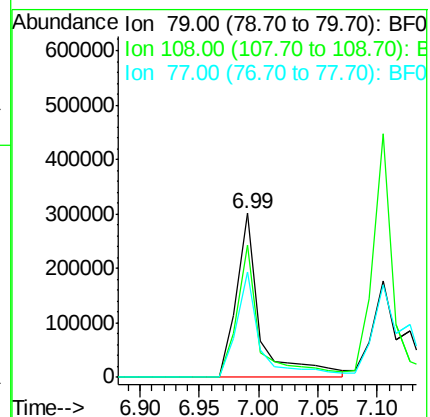
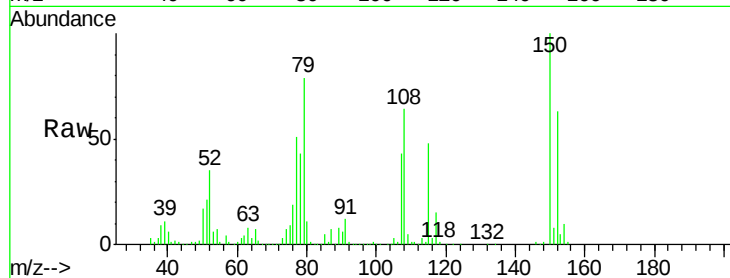
Tgt Ion: 79 Resp: 421552

Ion Ratio Lower Upper

79 100

108 80.5 68.4 102.6

77 64.4 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.46 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

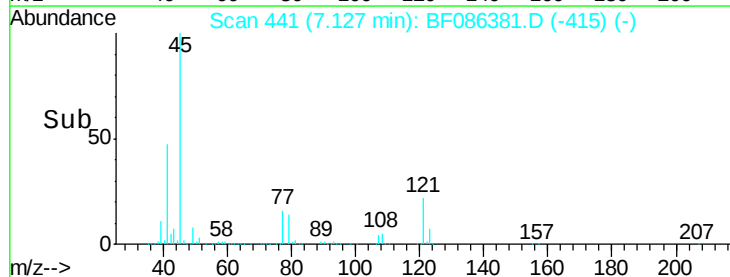
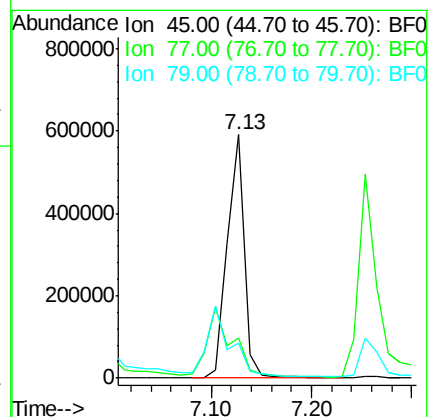
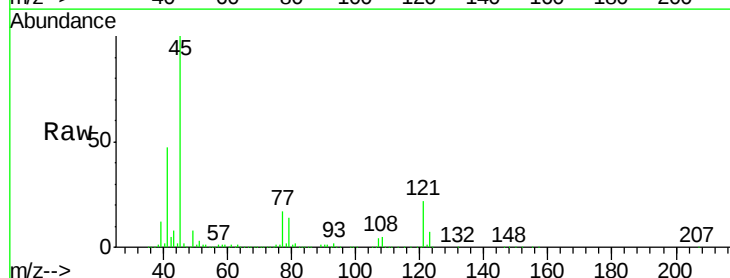
Tgt Ion: 45 Resp: 698780

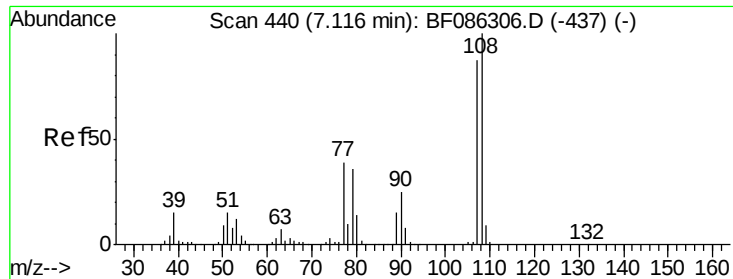
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.4

79 14.3 0.0 33.4

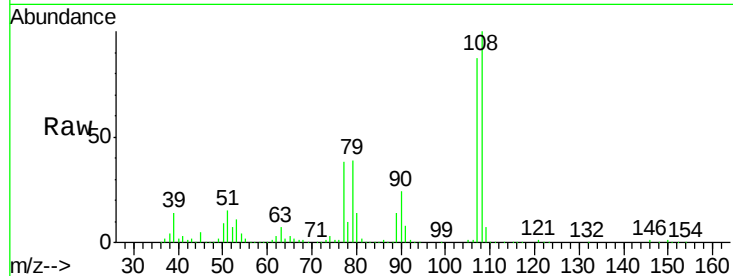




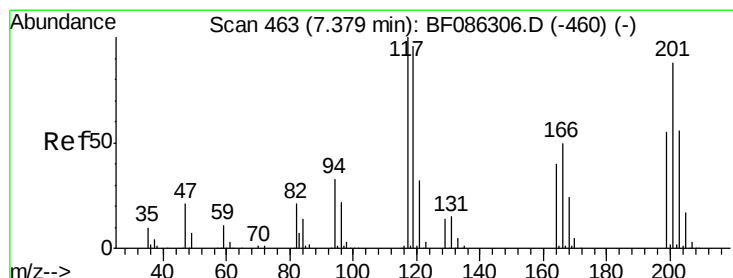
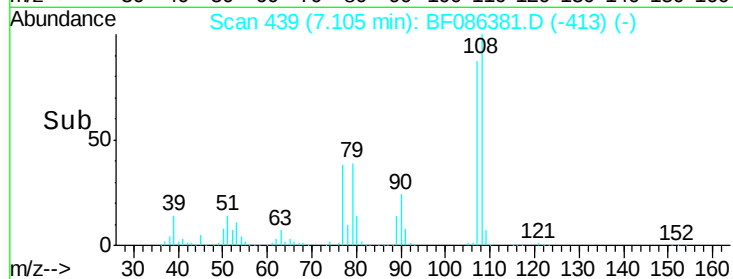
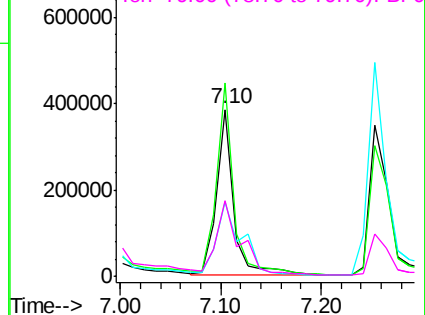
#17
2-Methylphenol
Concen: 48.44 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

Tgt Ion:107 Resp: 456874
Ion Ratio Lower Upper
107 100
108 115.5 93.7 140.5
77 44.2 33.4 50.0
79 45.5 34.3 51.5

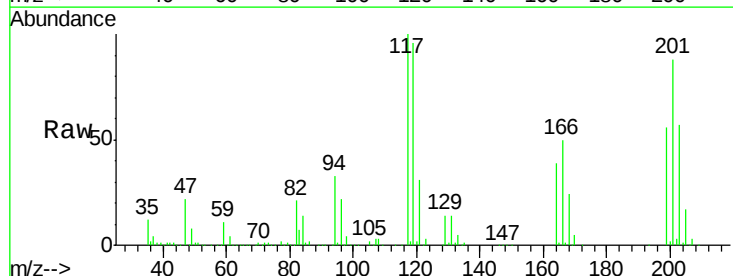


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

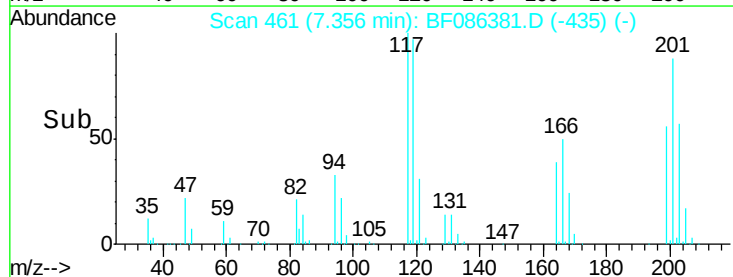
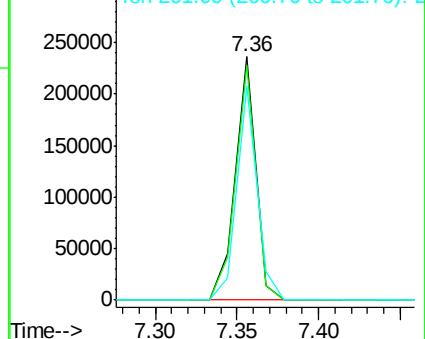


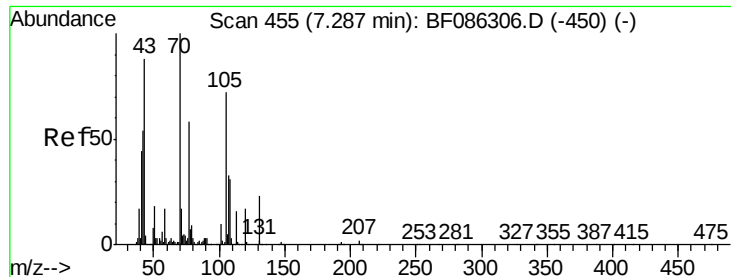
#18
Hexachloroethane
Concen: 44.69 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:117 Resp: 202963
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
201 88.1 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

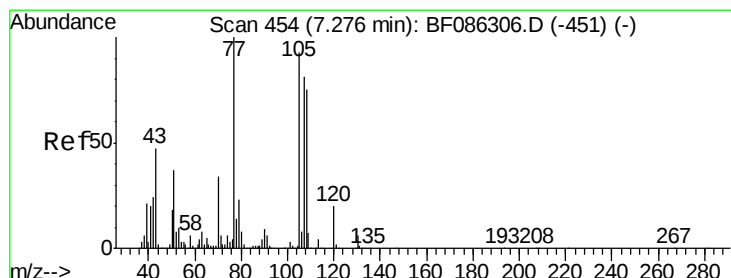
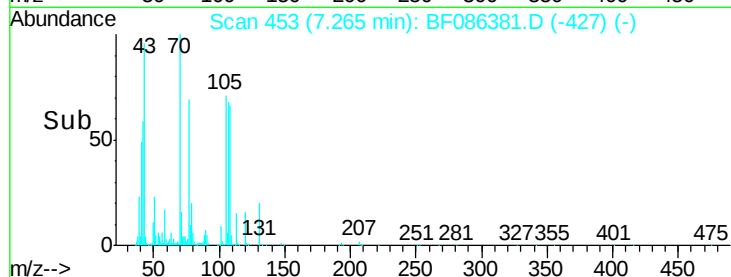
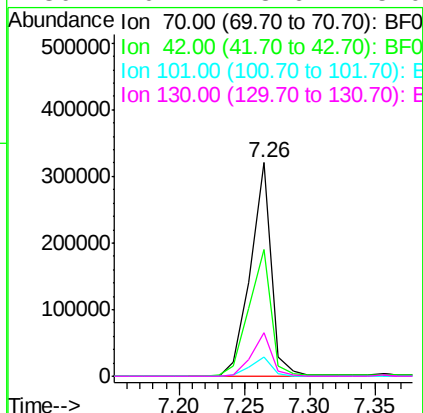
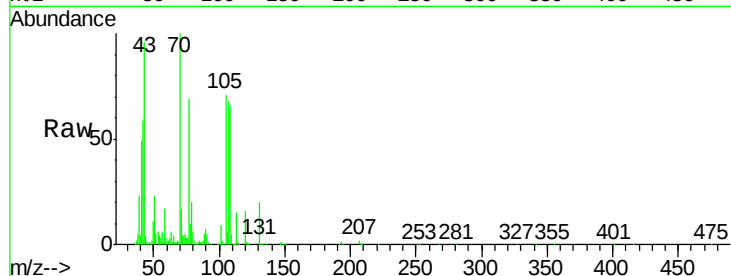




#19
n-Nitroso-di-n-propylamine
Concen: 47.03 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

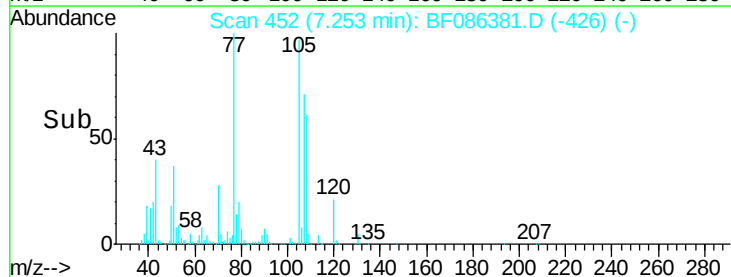
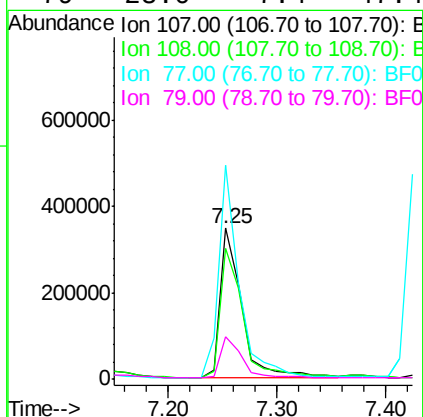
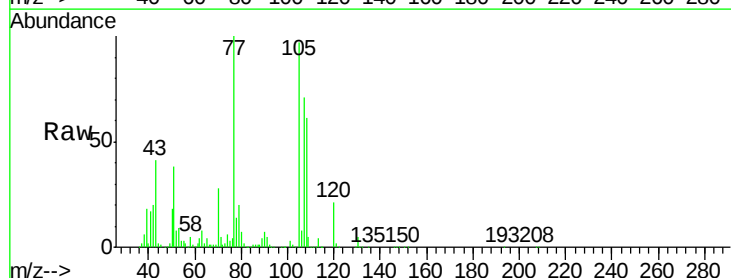
Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

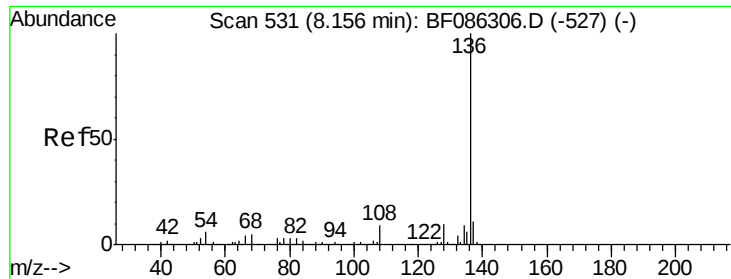
Tgt Ion:	70	Resp:	360262
Ion	Ratio	Lower	Upper
70	100		
42	59.2	43.1	64.7
101	9.3	8.1	12.1
130	20.4	18.6	28.0



#20
3+4-Methylphenols
Concen: 48.12 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:	107	Resp:	481108
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.5	108.5
77	141.7	101.6	141.6#
79	28.0	7.4	47.4

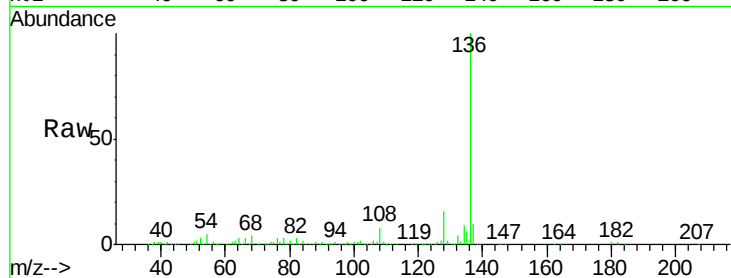




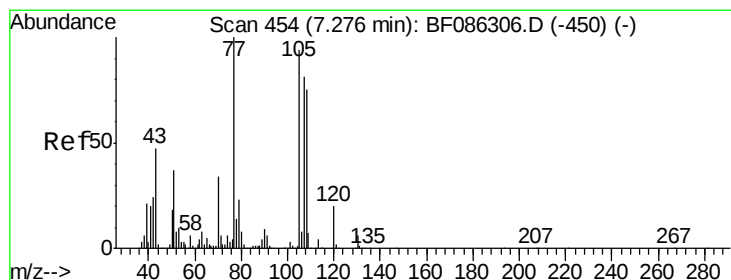
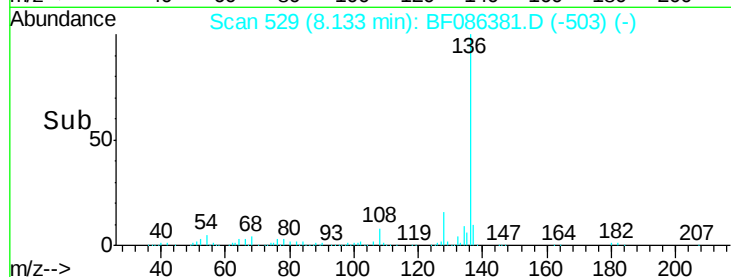
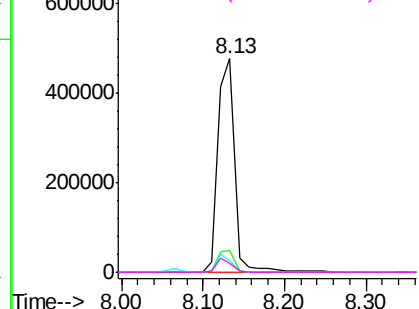
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

Tgt Ion:	136	Resp:	679438
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	5.2	5.0	7.4
68	4.4	4.4	6.6

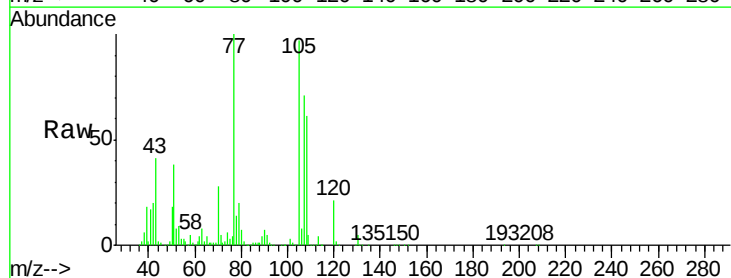


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

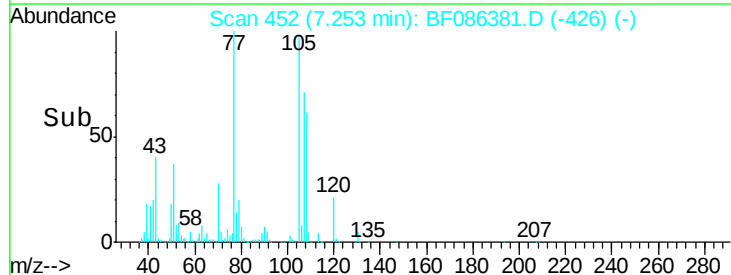
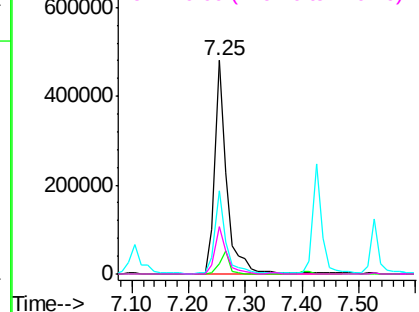


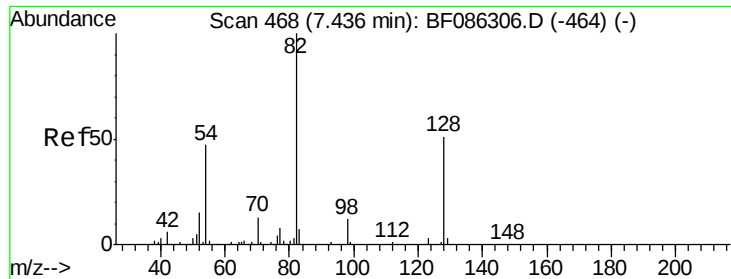
#22
Acetophenone
Concen: 48.42 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:	105	Resp:	690222
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.8	7.2
51	38.8	32.6	49.0
120	22.1	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

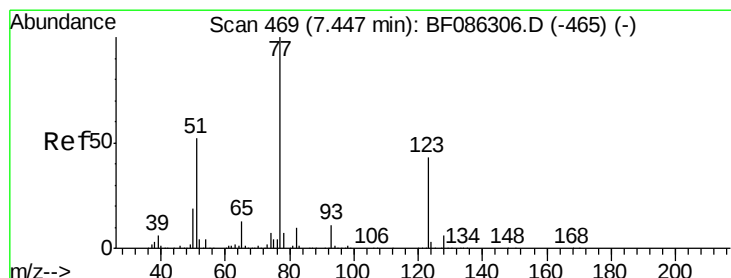
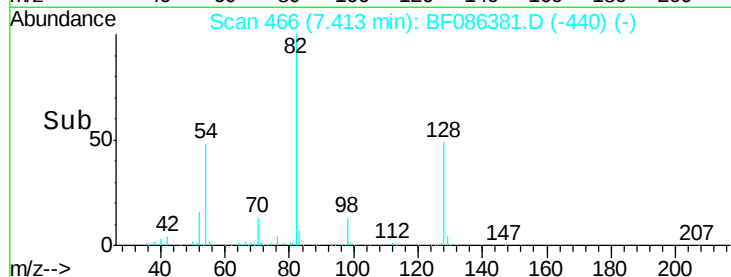
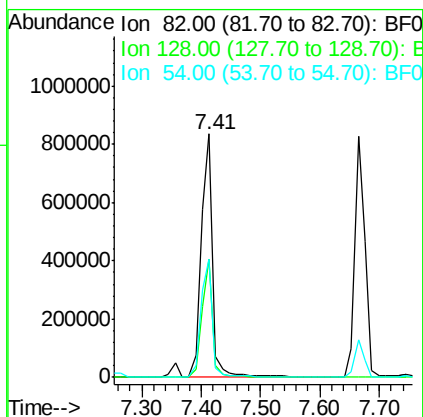
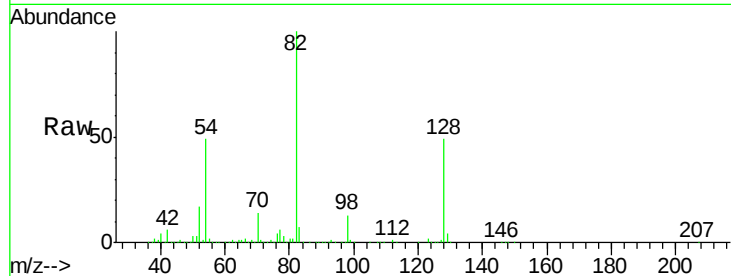




#23
 Nitrobenzene-d5
 Concen: 99.65 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

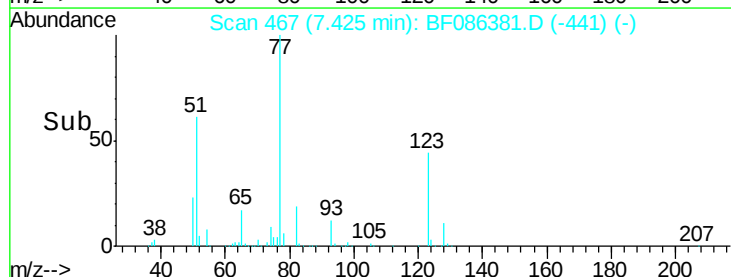
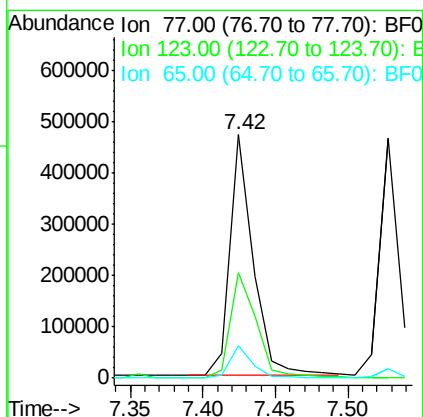
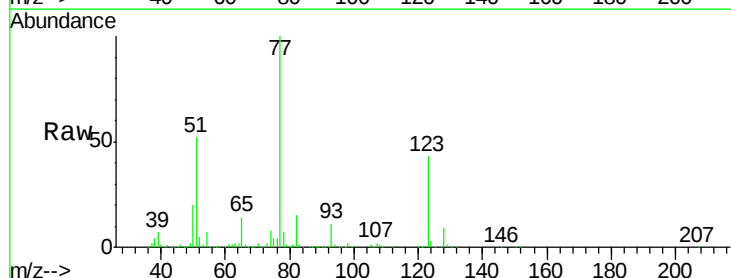
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

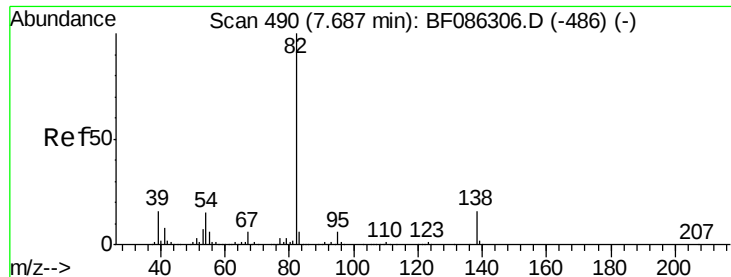
Tgt Ion: 82 Resp: 1142942
 Ion Ratio Lower Upper
 82 100
 128 48.8 40.6 61.0
 54 48.5 38.1 57.1



#24
 Nitrobenzene
 Concen: 42.74 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion: 77 Resp: 525865
 Ion Ratio Lower Upper
 77 100
 123 43.3 33.0 49.4
 65 13.6 10.8 16.2





#25

Isophorone

Concen: 43.28 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

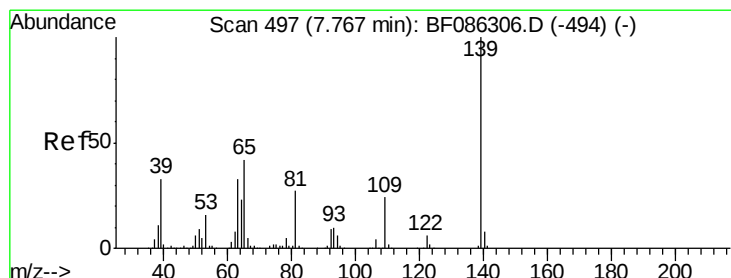
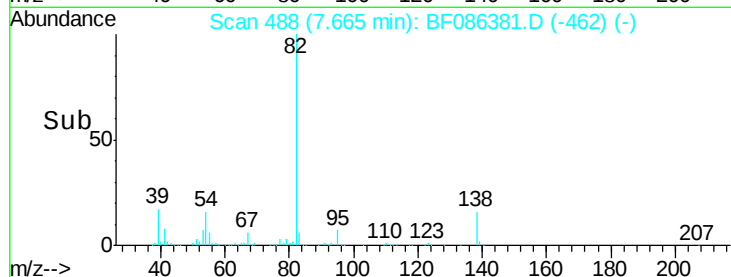
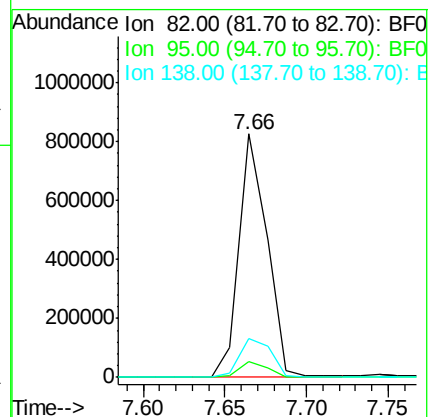
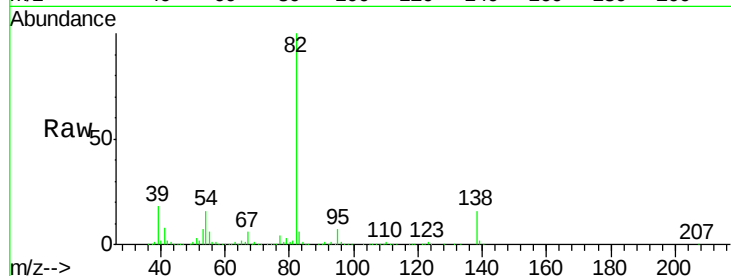
Tgt Ion: 82 Resp: 972815

Ion Ratio Lower Upper

82 100

95 6.7 5.1 7.7

138 16.0 12.4 18.6



#26

2-Nitrophenol

Concen: 50.91 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

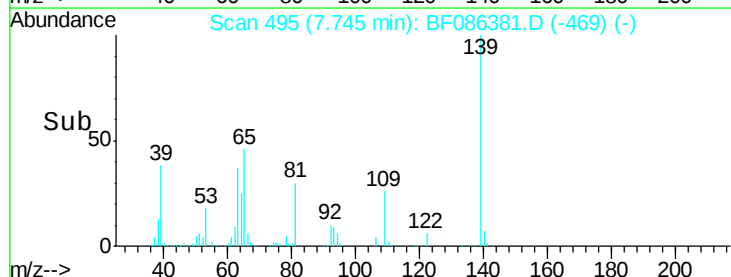
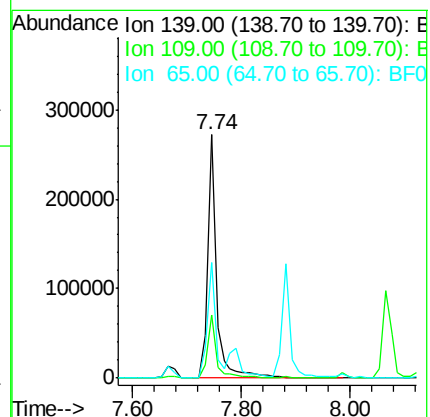
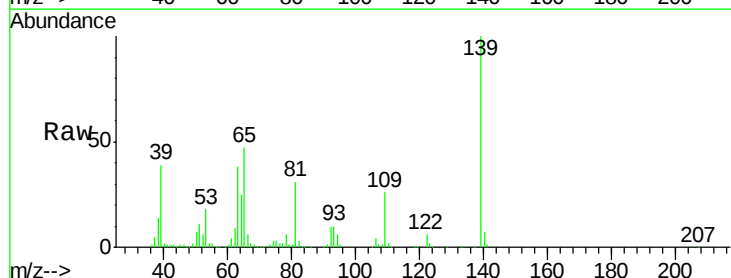
Tgt Ion: 139 Resp: 309445

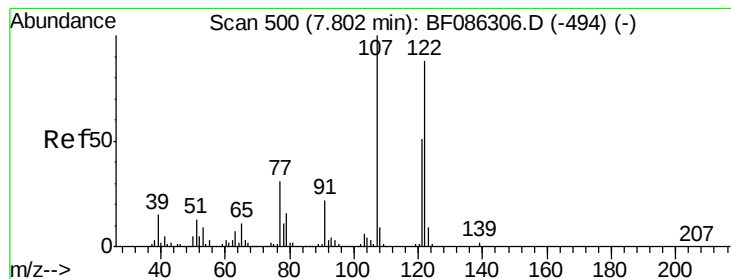
Ion Ratio Lower Upper

139 100

109 26.1 19.5 29.3

65 47.3 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 51.26 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

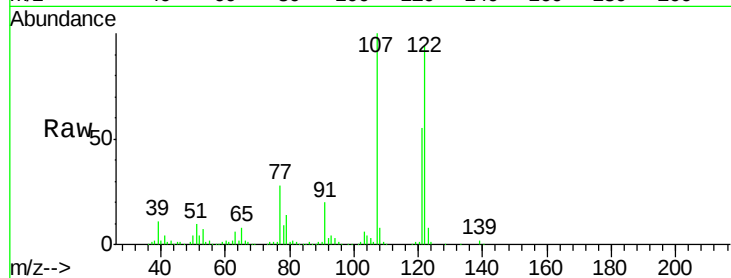
Tgt Ion:122 Resp: 533550

Ion Ratio Lower Upper

122 100

107 106.1 82.0 123.0

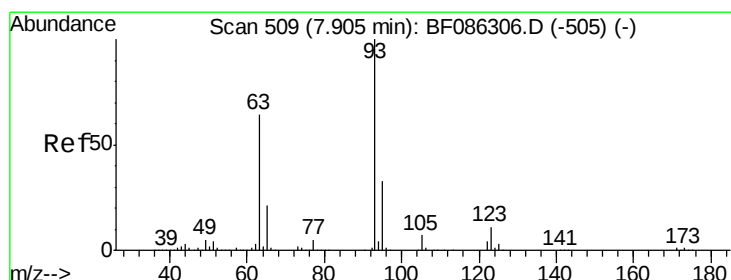
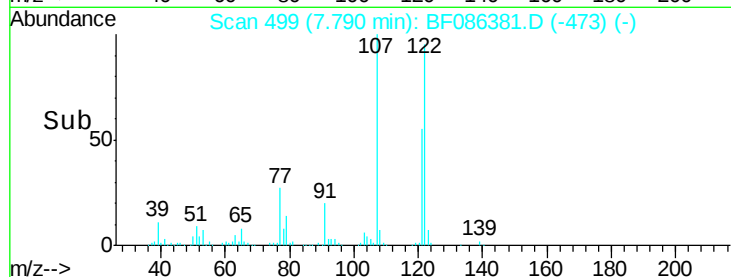
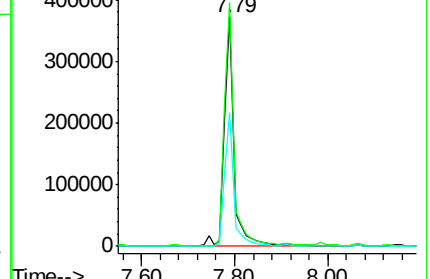
121 58.0 46.1 69.1



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: 50.66 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

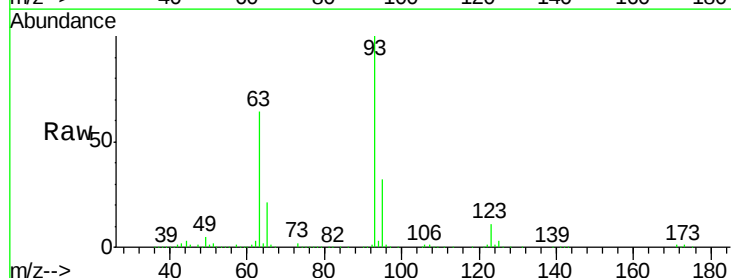
Tgt Ion: 93 Resp: 635811

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

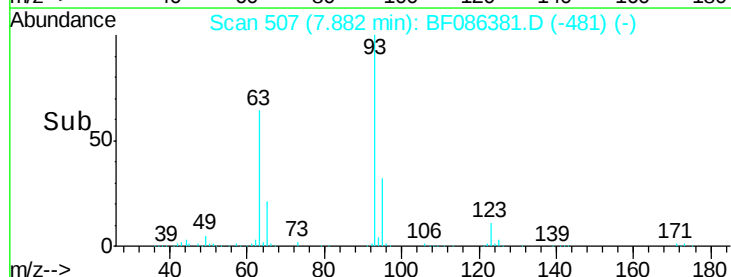
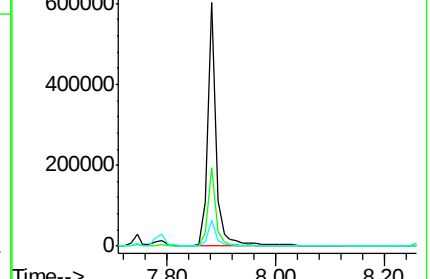
123 10.8 9.5 14.3

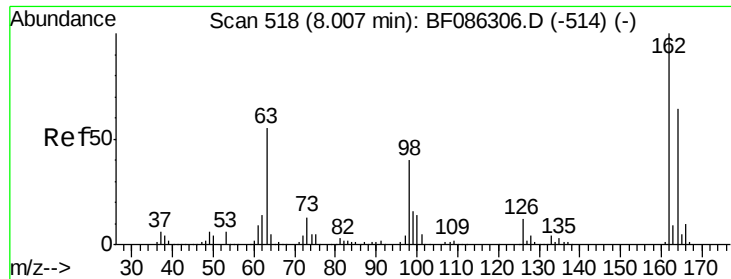


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

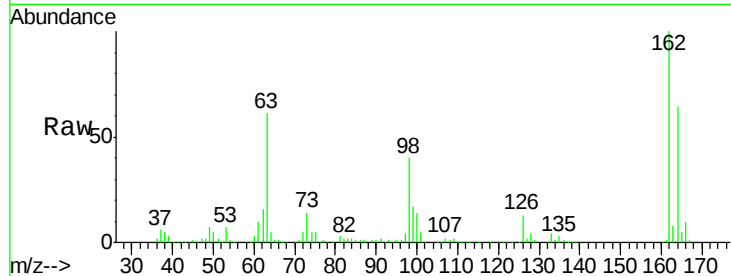




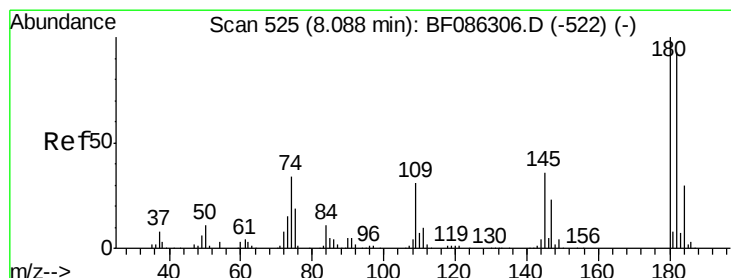
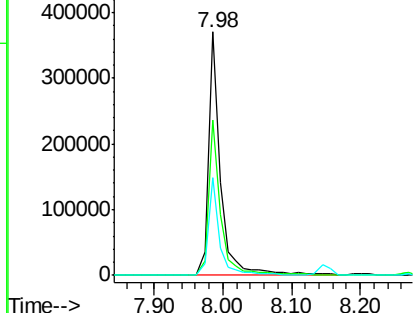
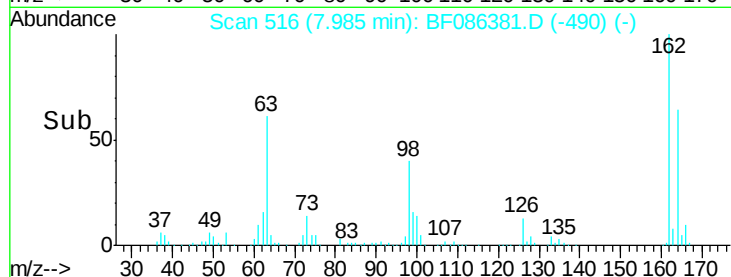
#29
2,4-Dichlorophenol
Concen: 52.98 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.2	82.2
98	40.2	19.0	59.0

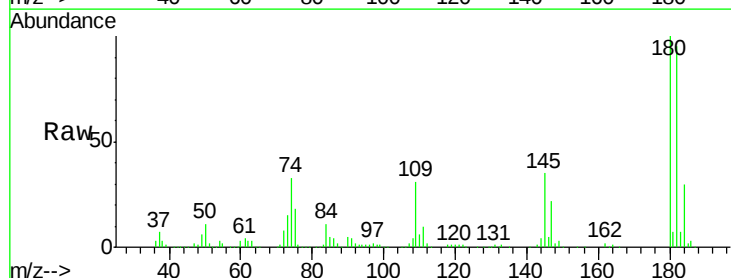


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

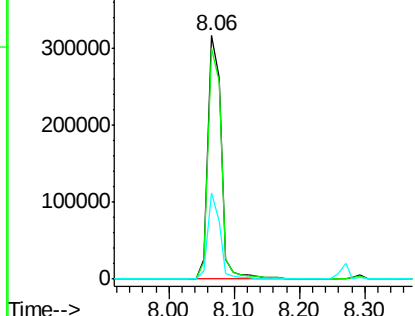
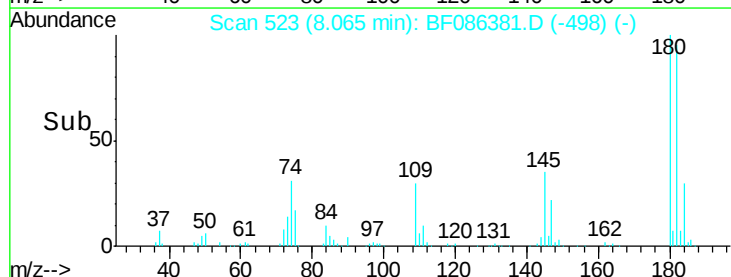


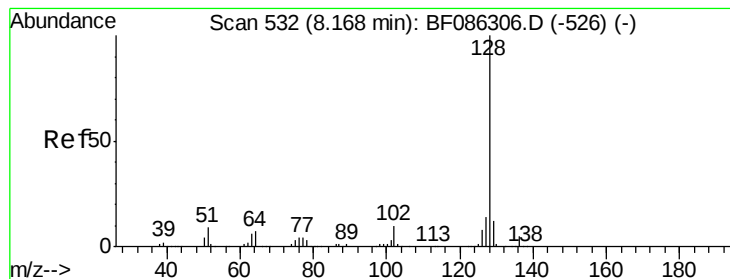
#30
1,2,4-Trichlorobenzene
Concen: 48.68 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	35.4	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: 45.19 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

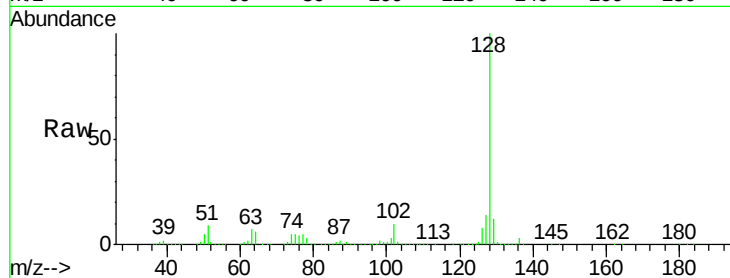
Tgt Ion:128 Resp: 1564253

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

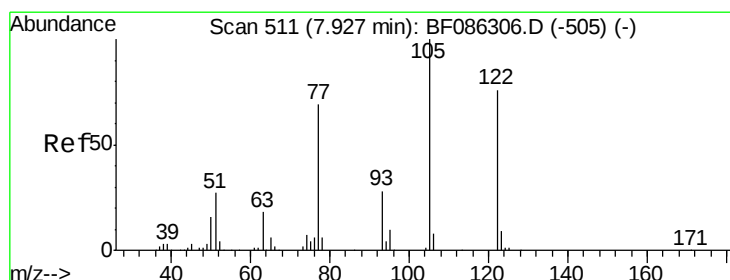
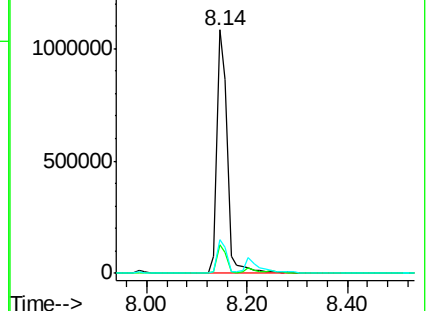
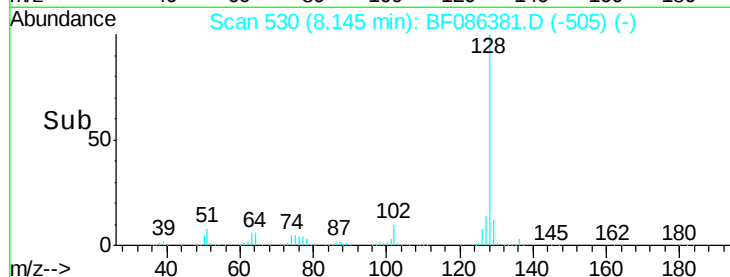
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 80.18 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.11 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

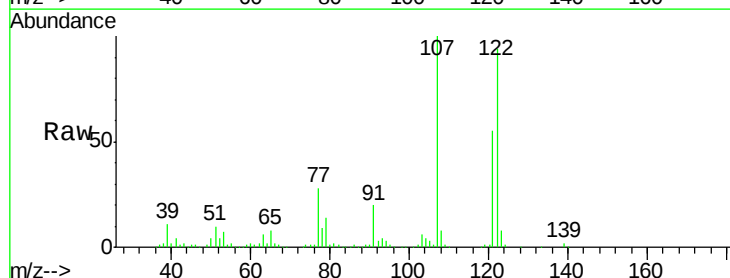
Tgt Ion:122 Resp: 533550

Ion Ratio Lower Upper

122 100

105 3.3 92.6 132.6#

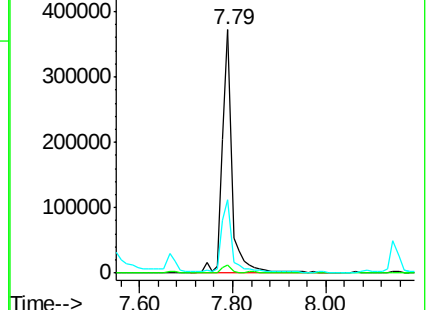
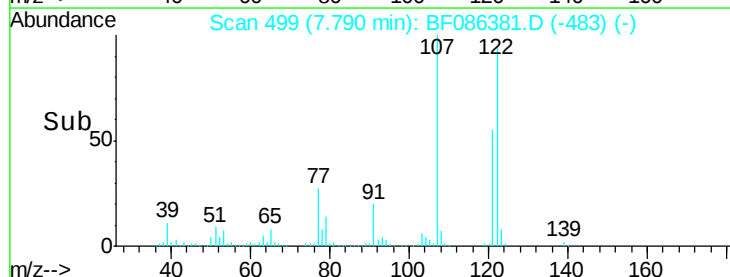
77 30.1 60.0 100.0#

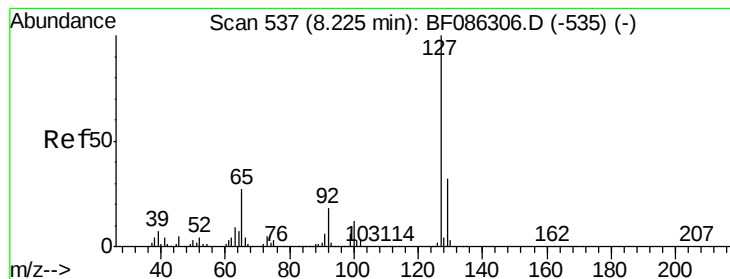


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.31 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tgt Ion:127 Resp: 152474

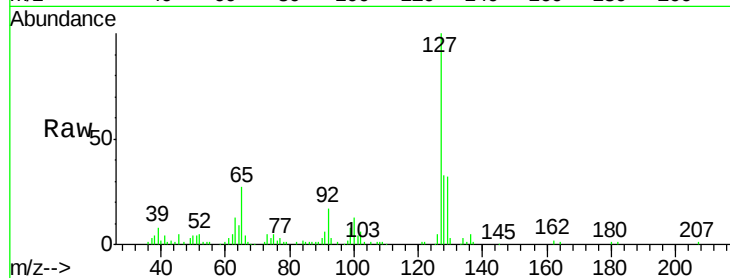
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.4

65 27.0 23.0 34.4

92 17.5 15.1 22.7

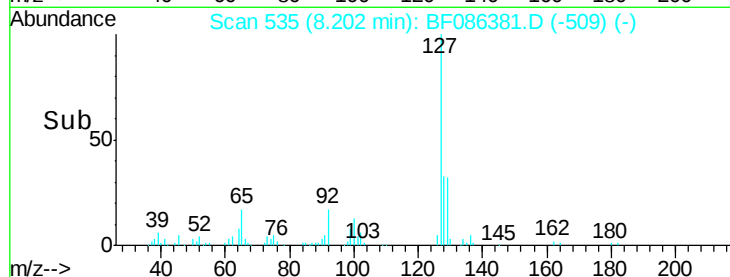


Abundance Ion 127.00 (126.70 to 127.70): E

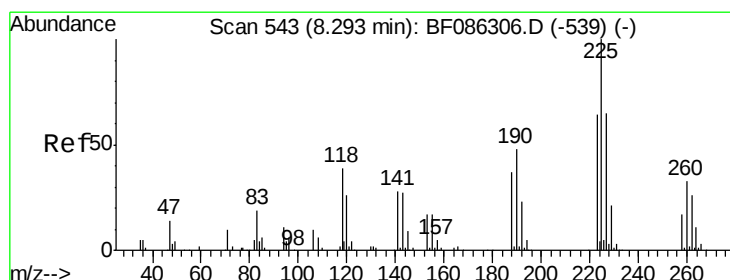
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 49.10 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

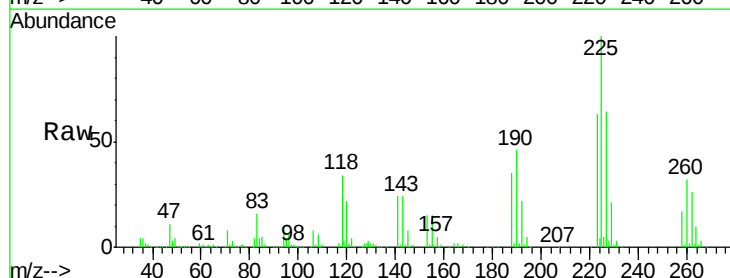
Tgt Ion:225 Resp: 229141

Ion Ratio Lower Upper

225 100

223 62.9 51.5 77.3

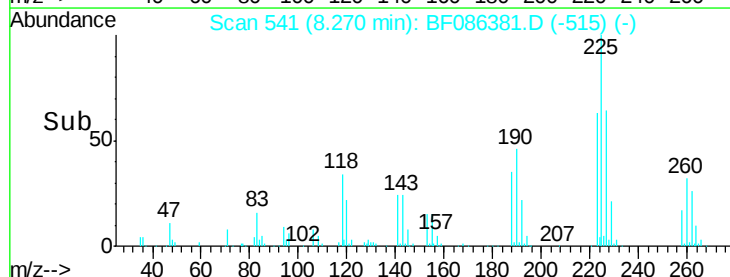
227 64.0 52.2 78.2



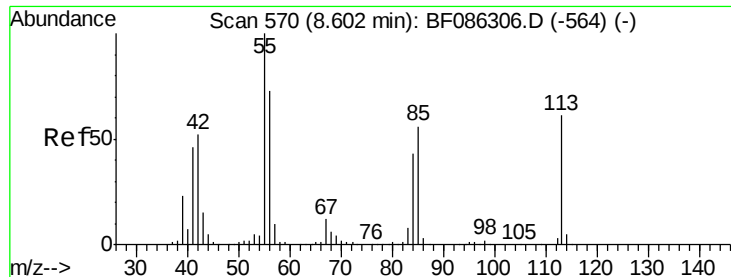
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



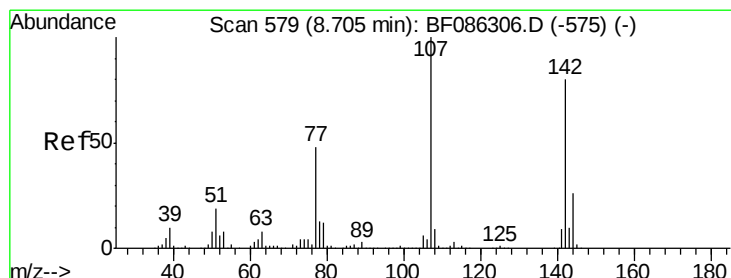
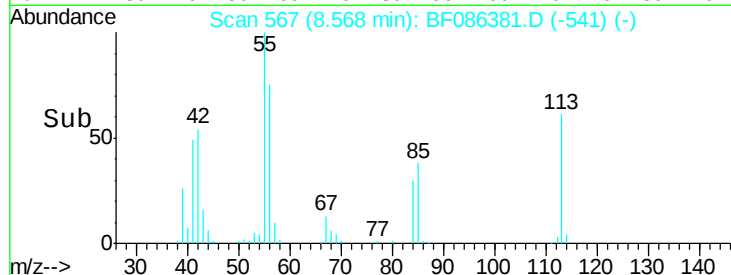
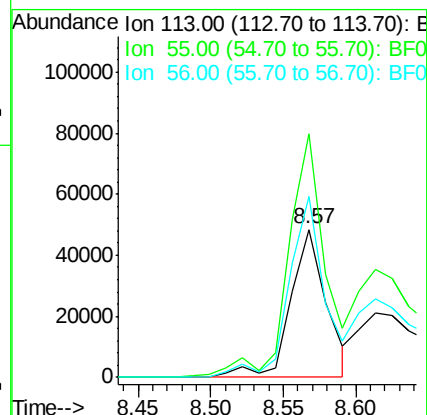
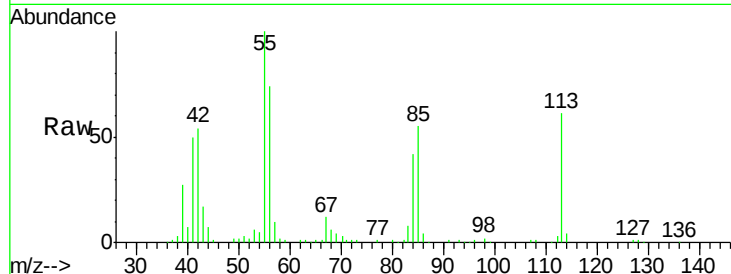
Time-->



#35
 Caprolactam
 Concen: 26.77 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

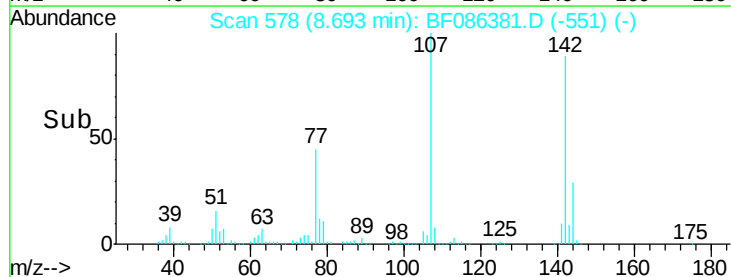
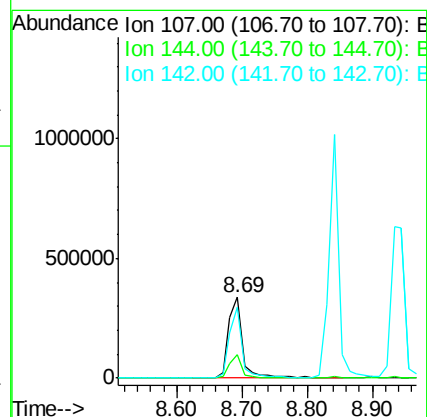
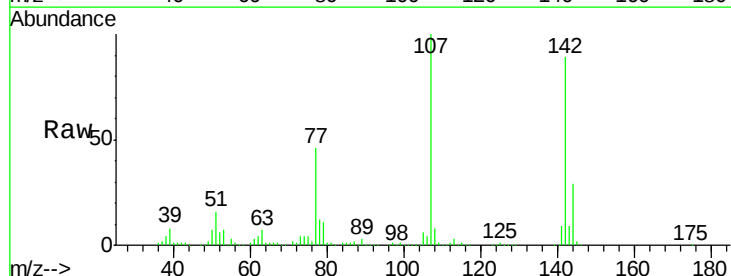
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

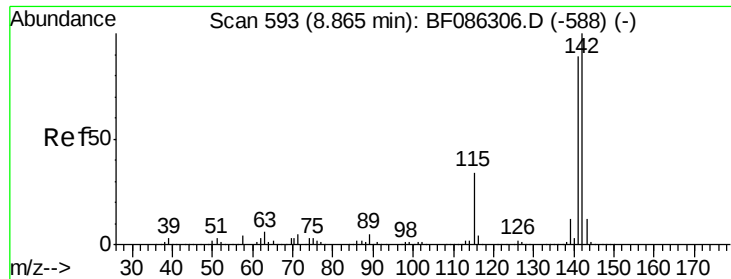
Tgt Ion:113 Resp: 82645
 Ion Ratio Lower Upper
 113 100
 55 164.6 162.0 202.0
 56 122.5 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 50.50 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:107 Resp: 516390
 Ion Ratio Lower Upper
 107 100
 144 29.0 20.7 31.1
 142 88.5 63.2 94.8

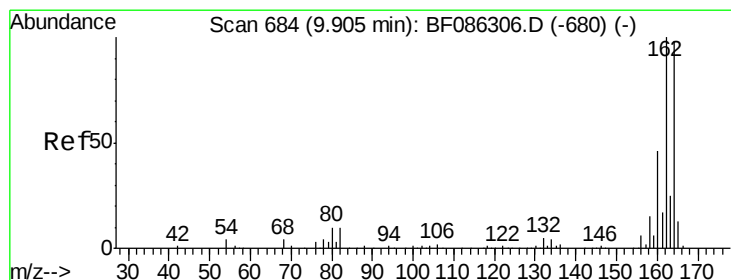
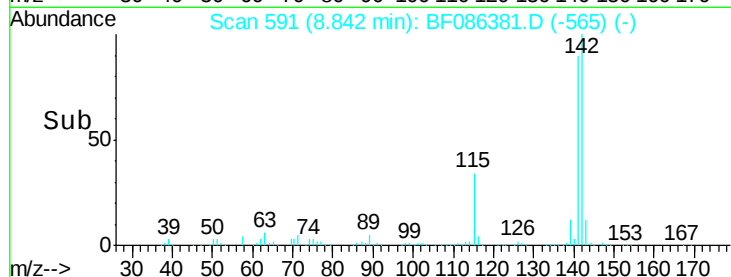
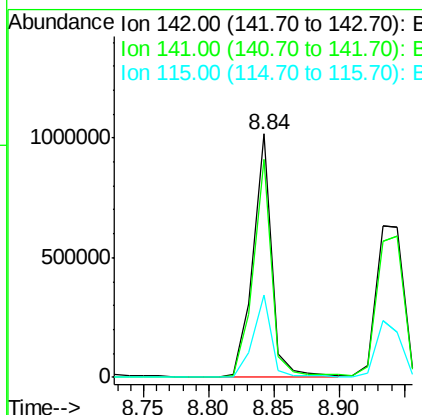
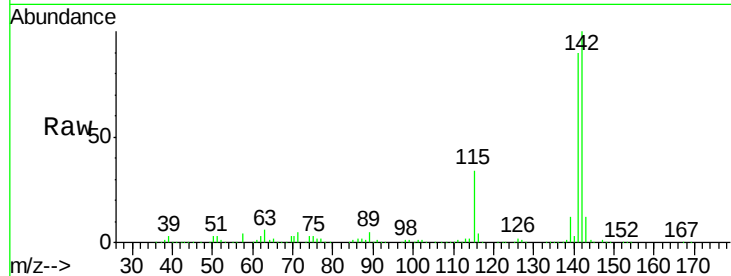




#37
 2-Methylnaphthalene
 Concen: 51.30 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

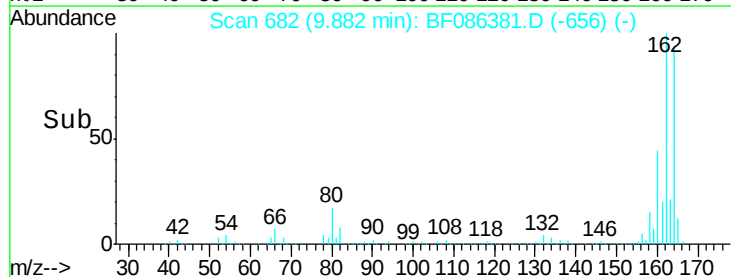
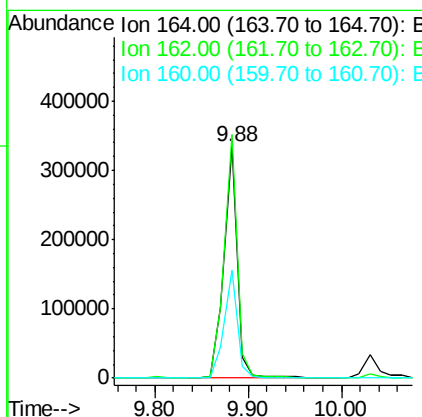
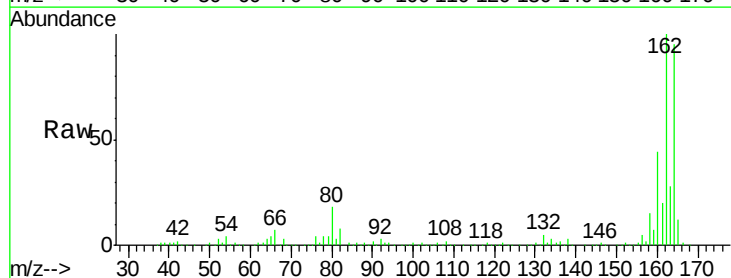
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

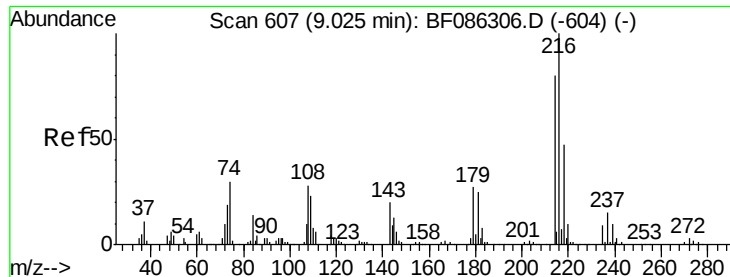
Tgt Ion:142 Resp: 1024099
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 33.6 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:164 Resp: 334149
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.8 124.2
 160 46.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.26 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tgt Ion:216 Resp: 374015

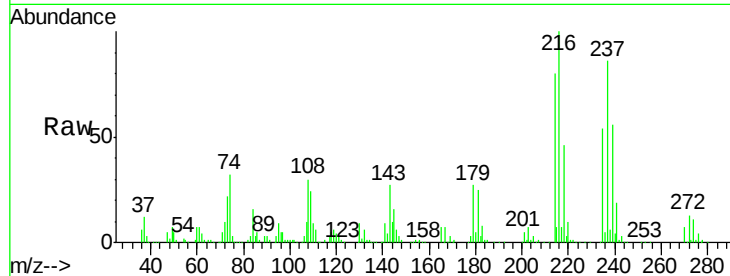
Ion Ratio Lower Upper

216 100

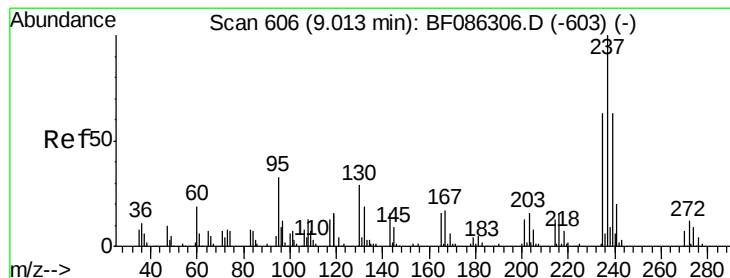
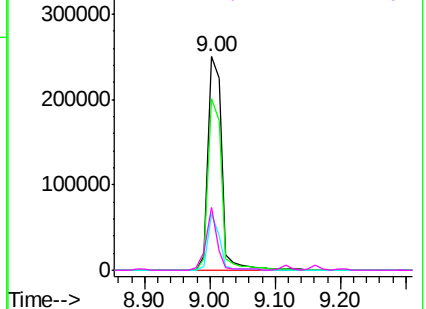
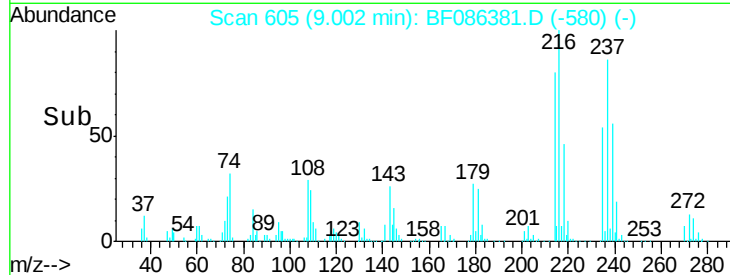
214 78.9 62.6 93.8

179 22.4 18.2 27.4

108 23.7 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



#40

Hexachlorocyclopentadiene

Concen: 90.81 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

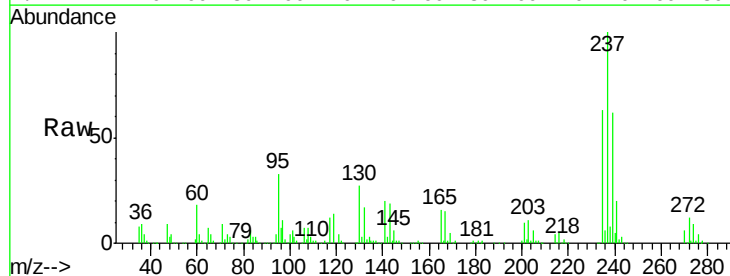
Tgt Ion:237 Resp: 383434

Ion Ratio Lower Upper

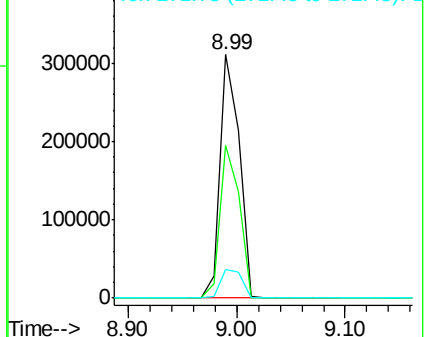
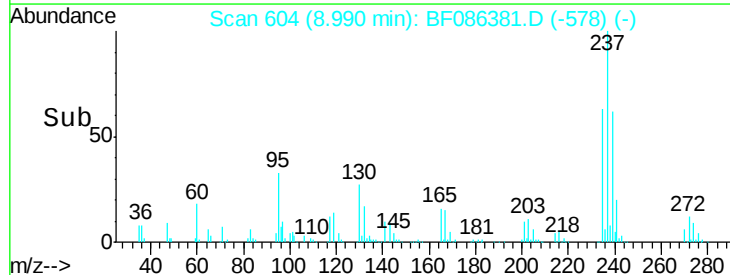
237 100

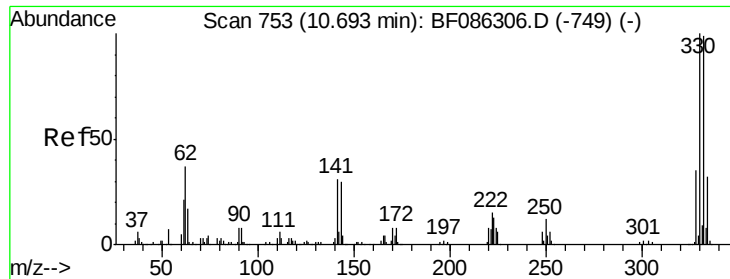
235 62.6 47.2 87.2

272 11.7 0.0 31.1



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

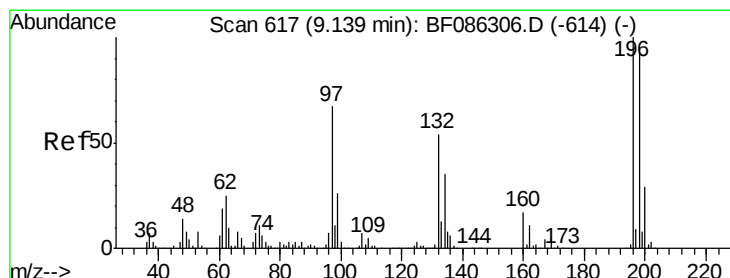
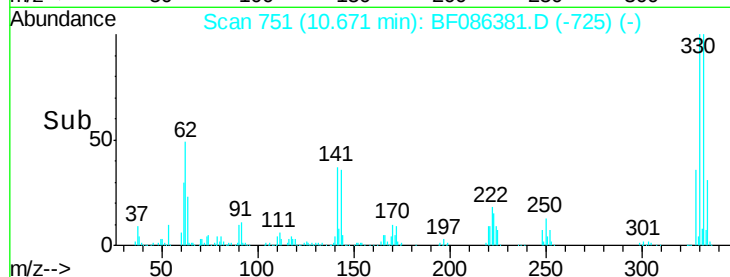
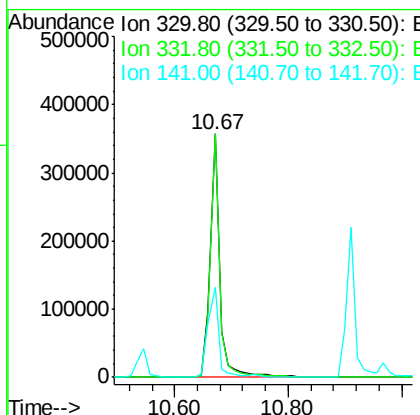
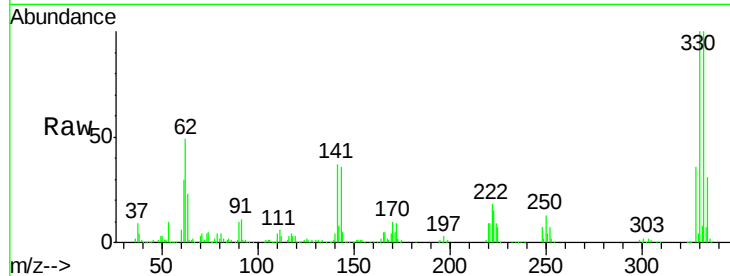




#41
 2,4,6-Tribromophenol
 Concen: 134.04 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

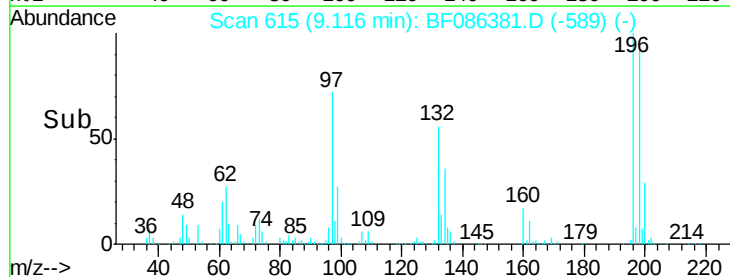
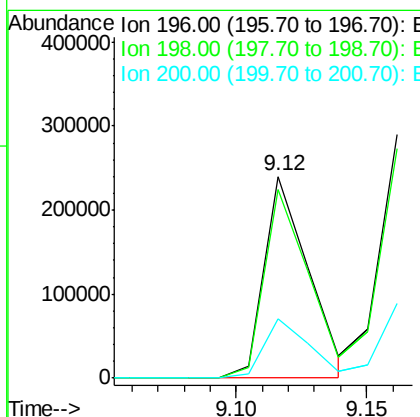
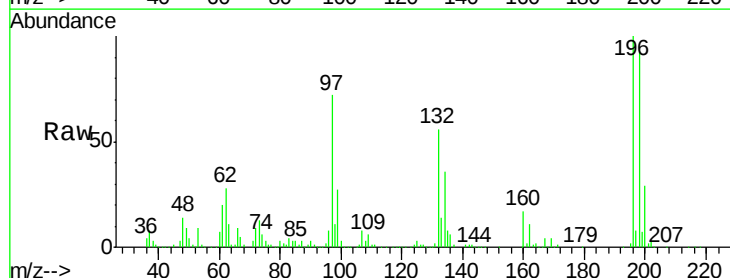
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

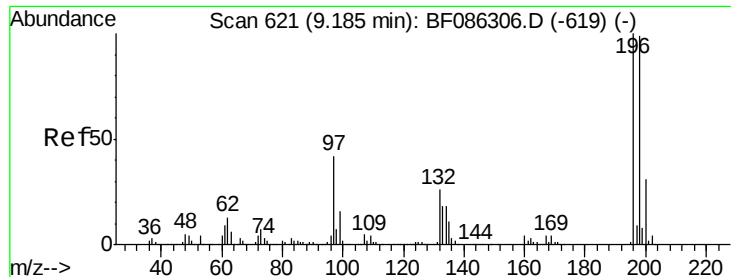
Tgt Ion:330 Resp: 405458
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.0 118.4
 141 40.3 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 49.96 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:196 Resp: 283205
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.7 112.1
 200 29.4 23.8 35.6

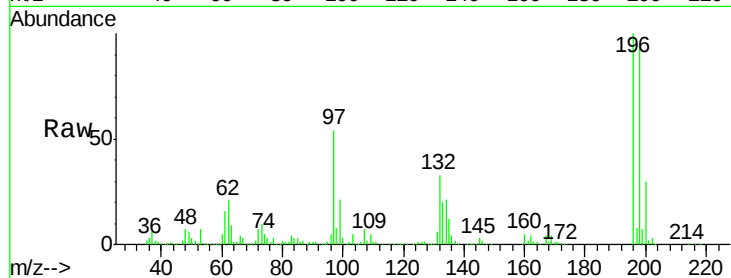




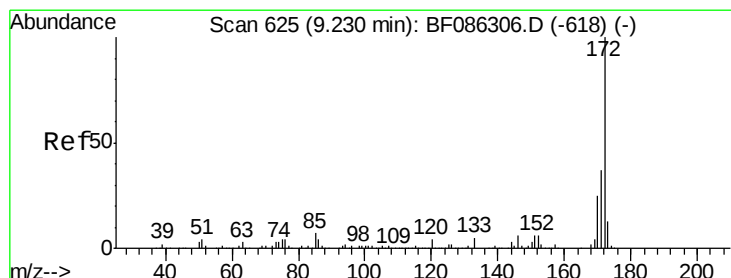
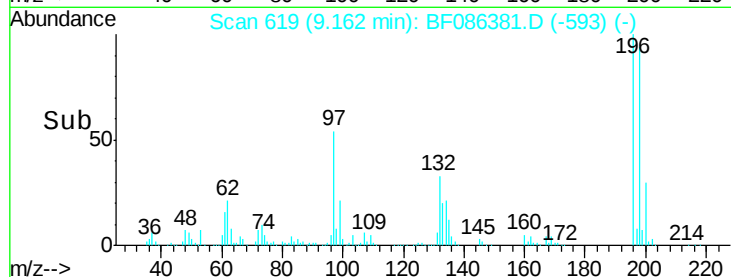
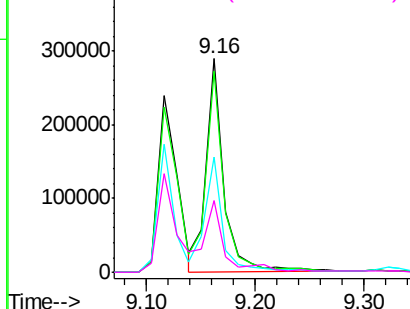
#43
 2,4,5-Trichlorophenol
 Concen: 47.17 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

Tgt Ion:196 Resp: 329210
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.5 116.3
 97 53.7 34.8 52.2#
 132 33.4 23.0 34.4

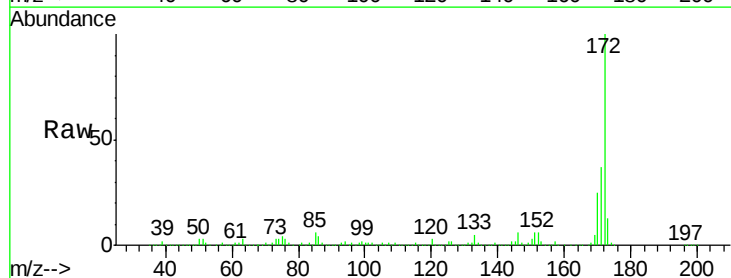


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

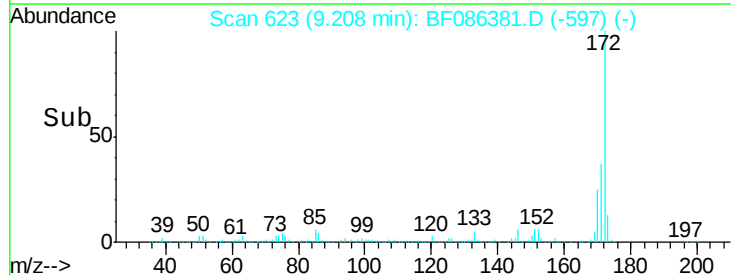
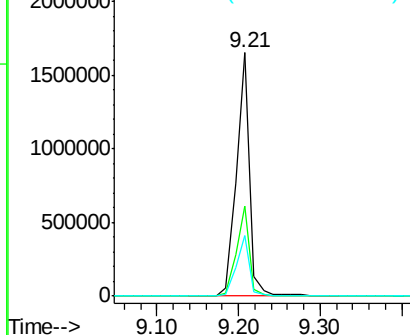


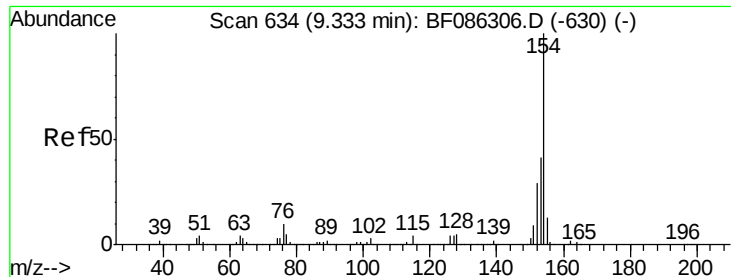
#44
 2-Fluorobiphenyl
 Concen: 95.01 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:172 Resp: 1860326
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.6
 170 25.1 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: 46.73 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

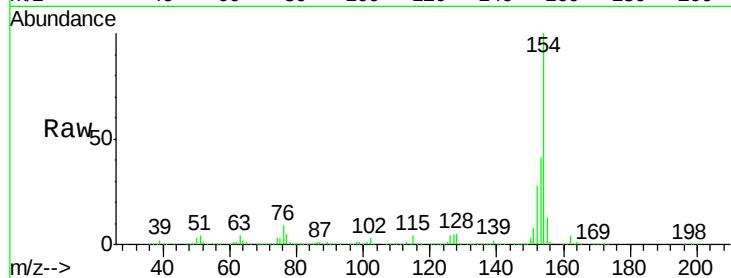
Tgt Ion:154 Resp: 1211408

Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

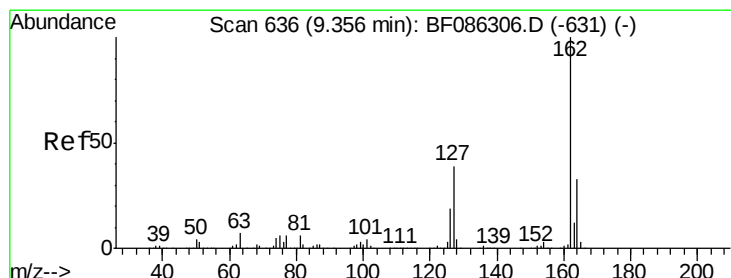
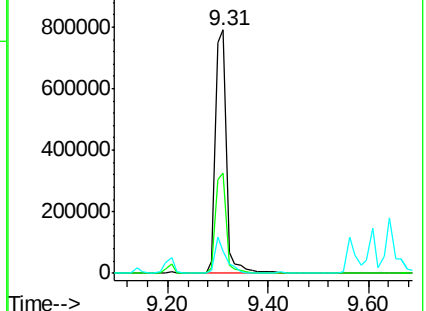
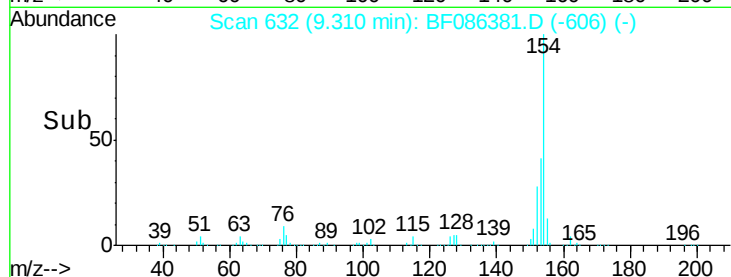
76 9.2 0.0 30.2



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: 47.11 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

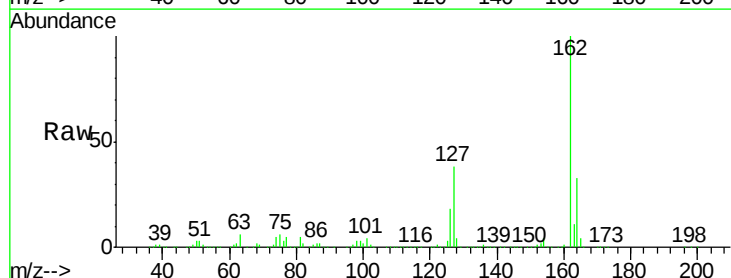
Tgt Ion:162 Resp: 966675

Ion Ratio Lower Upper

162 100

127 38.0 31.8 47.6

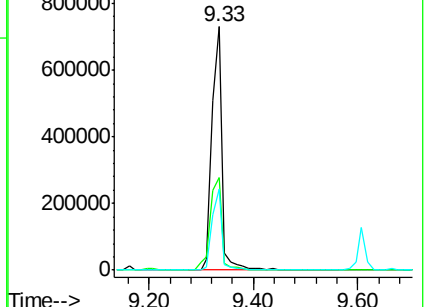
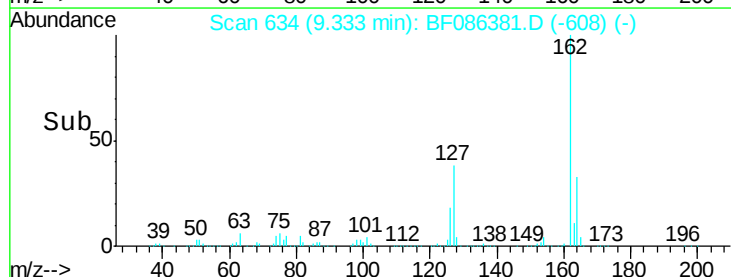
164 33.2 27.0 40.6

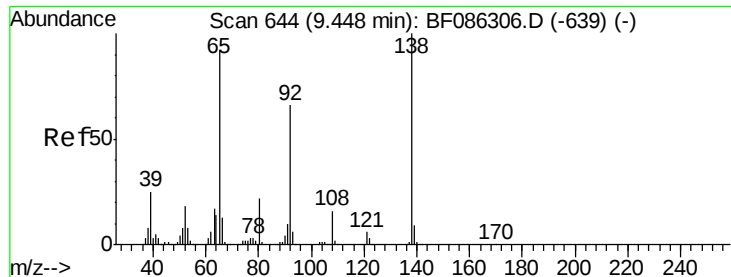


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.42 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

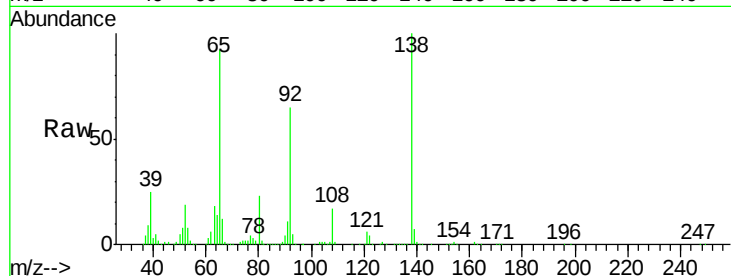
Tgt Ion: 65 Resp: 322167

Ion Ratio Lower Upper

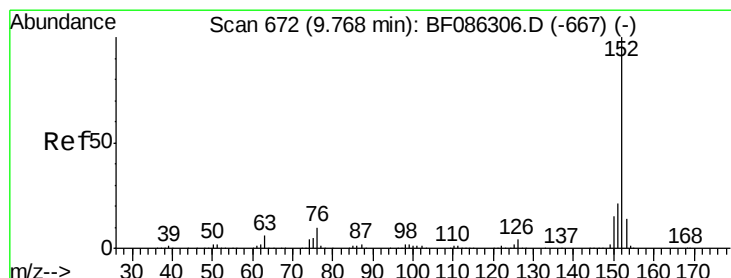
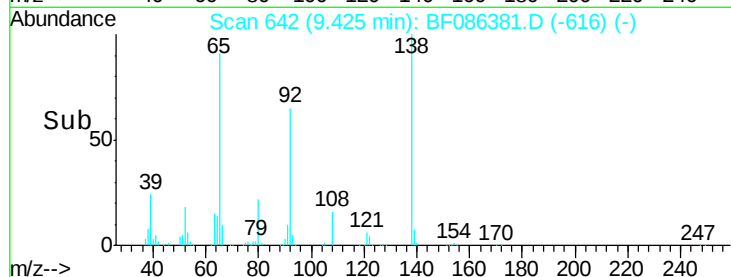
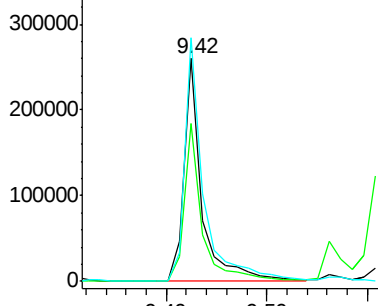
65 100

92 70.9 57.4 86.2

138 109.2 90.1 135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 46.93 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

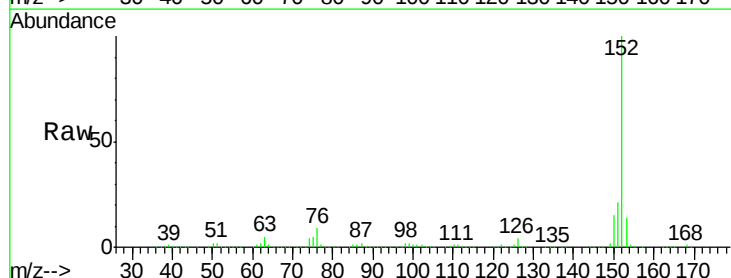
Tgt Ion: 152 Resp: 1561341

Ion Ratio Lower Upper

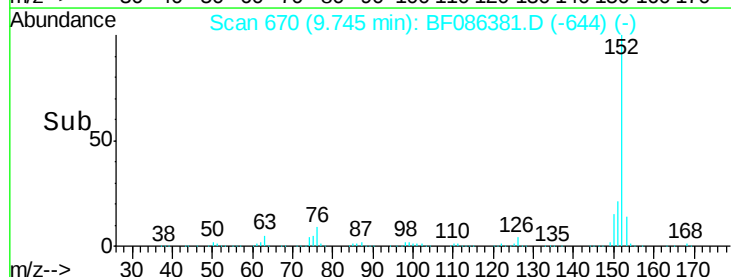
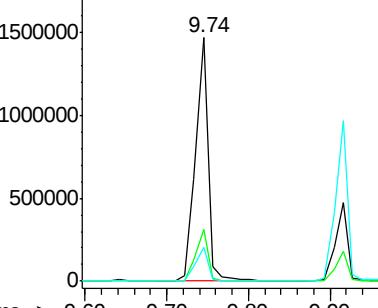
152 100

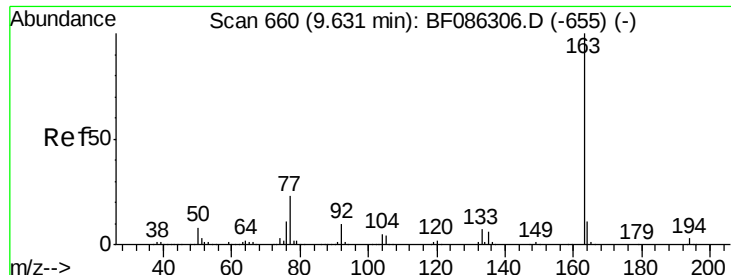
151 21.4 16.8 25.2

153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

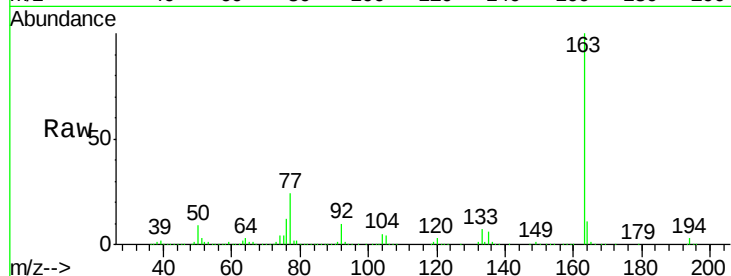




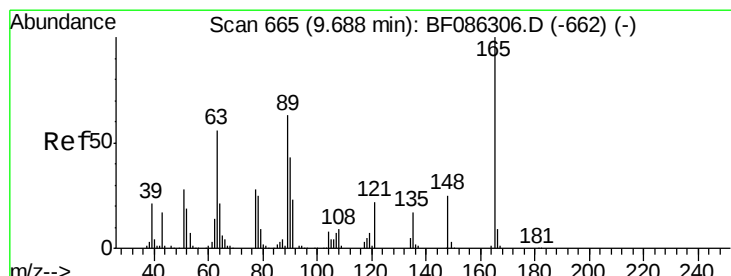
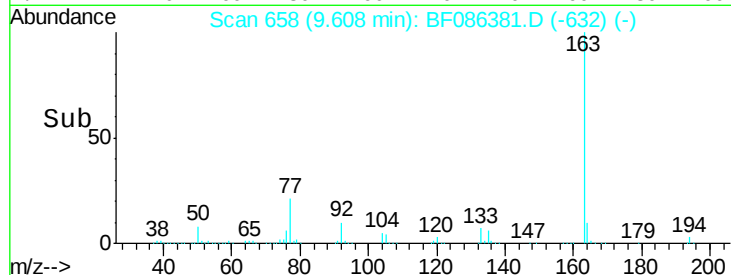
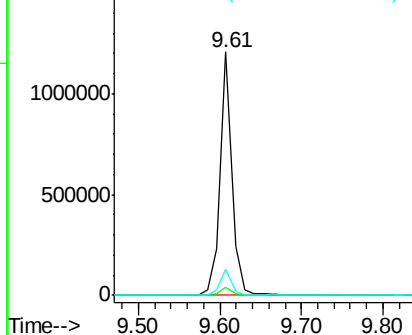
#49
Dimethylphthalate
Concen: 50.67 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

Tgt Ion:163 Resp: 1223153
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.2 12.4

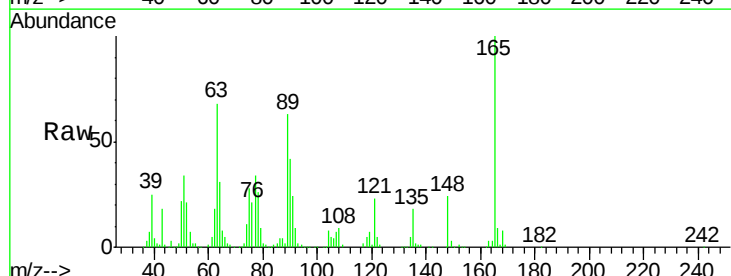


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

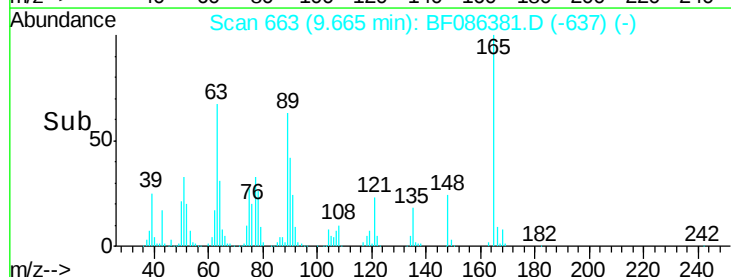
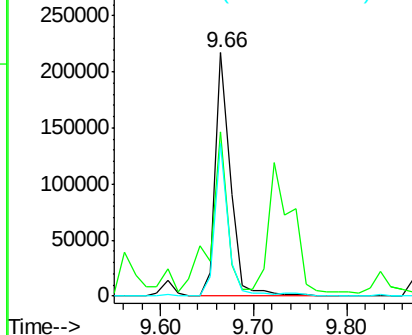


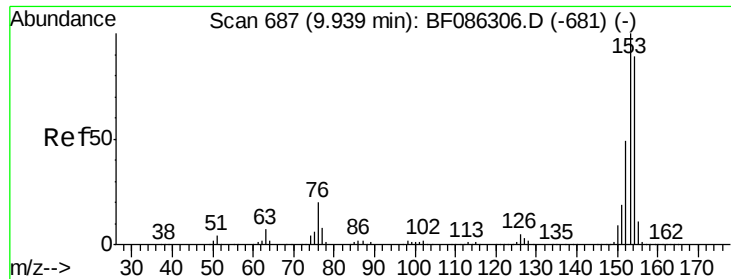
#50
2,6-Dinitrotoluene
Concen: 46.40 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:165 Resp: 241945
Ion Ratio Lower Upper
165 100
63 67.6 51.8 77.8
89 62.6 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: 46.42 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

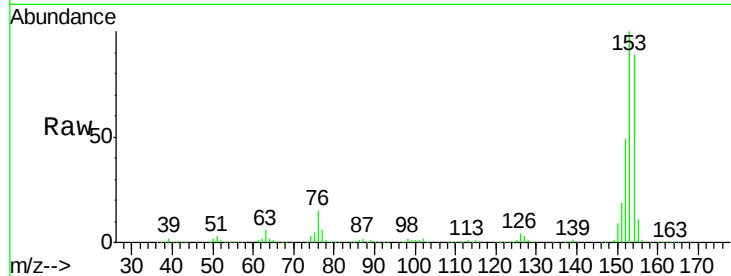
Tgt Ion:154 Resp: 948638

Ion Ratio Lower Upper

154 100

153 111.8 89.8 134.6

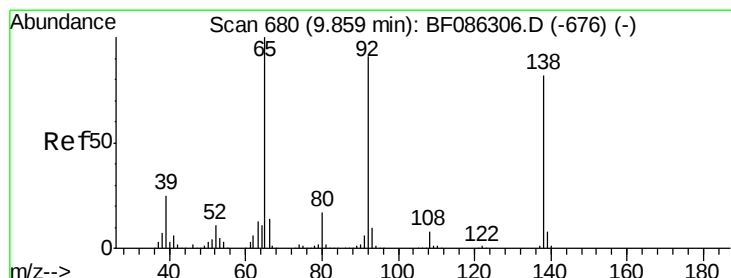
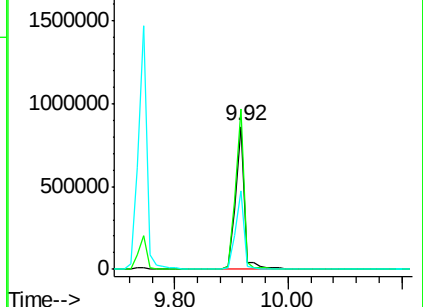
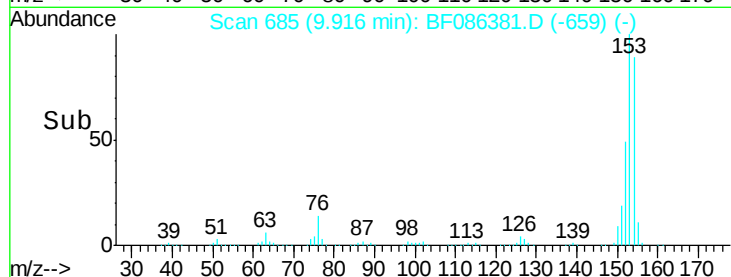
152 55.2 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.69 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

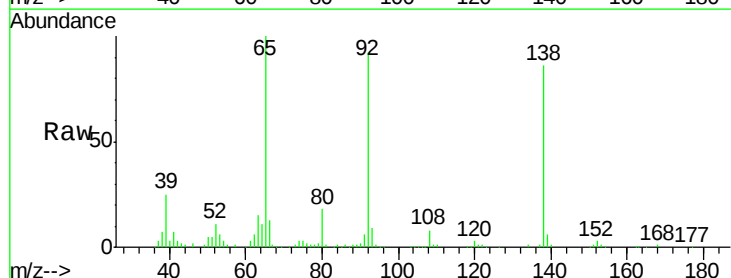
Tgt Ion:138 Resp: 187269

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

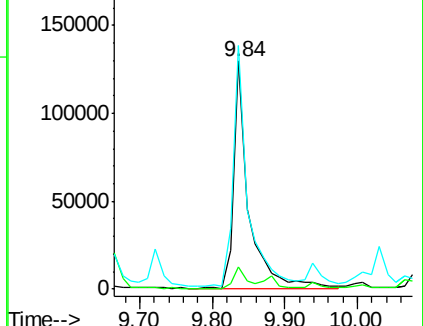
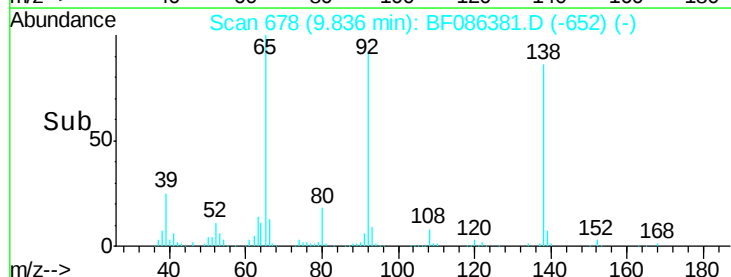
92 106.8 87.8 131.8

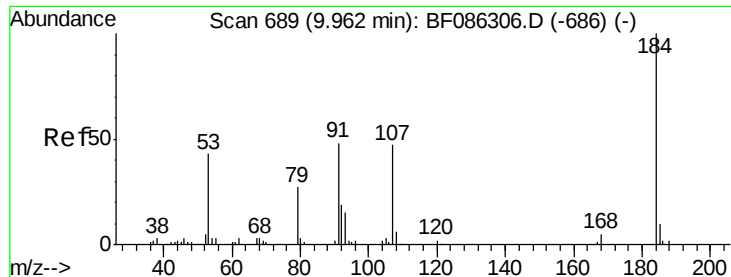


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

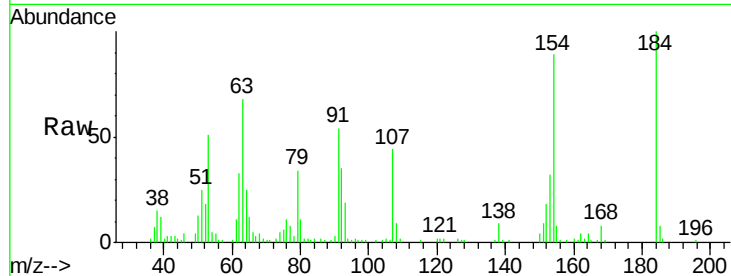




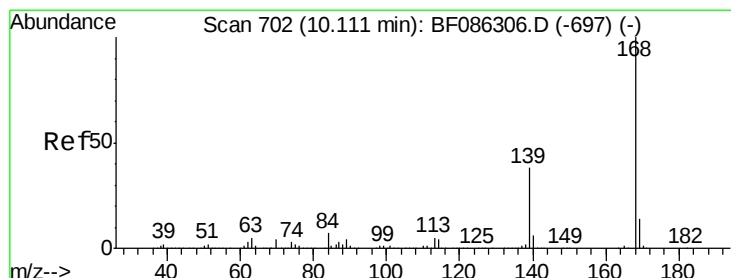
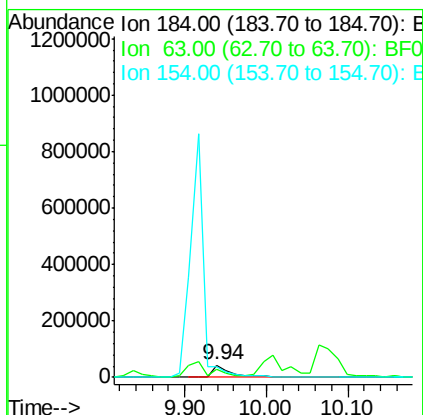
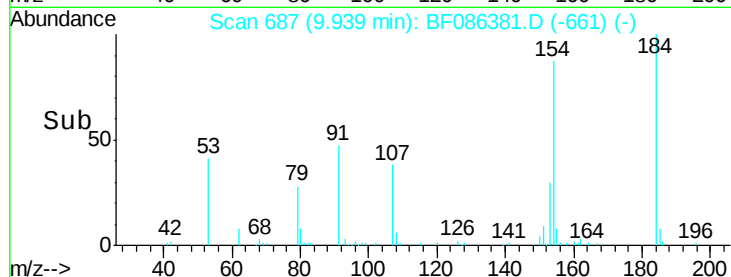
#53
2,4-Dinitrophenol
Concen: 26.54 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

Tgt Ion:184 Resp: 71945
Ion Ratio Lower Upper
184 100
63 67.9 55.8 83.8
154 88.9 62.4 93.6

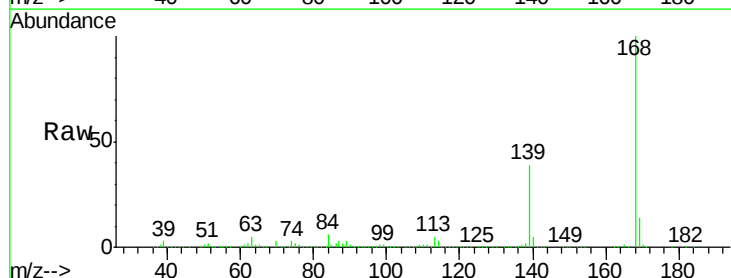


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

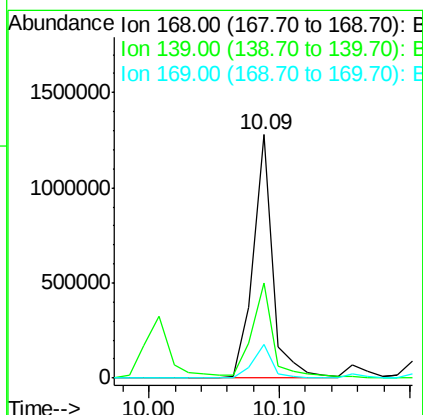
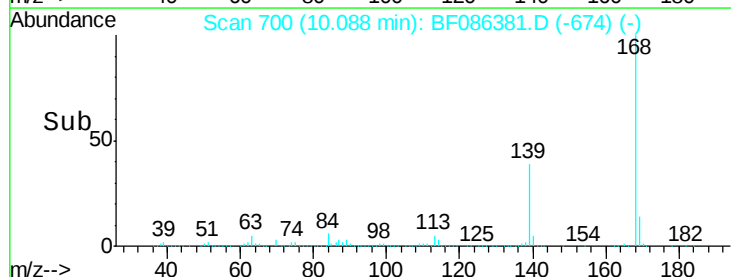


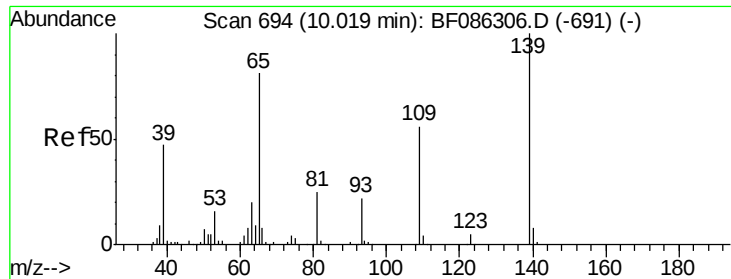
#54
Dibenzofuran
Concen: 51.46 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:168 Resp: 1350630
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.0
169 13.8 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

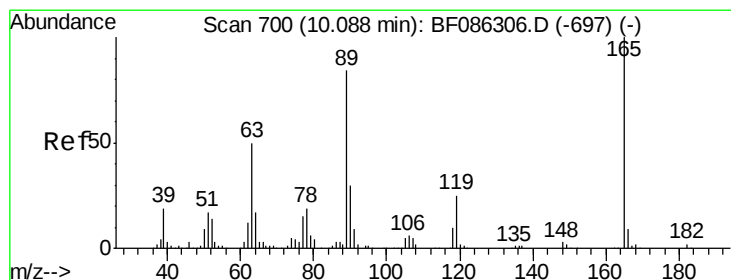
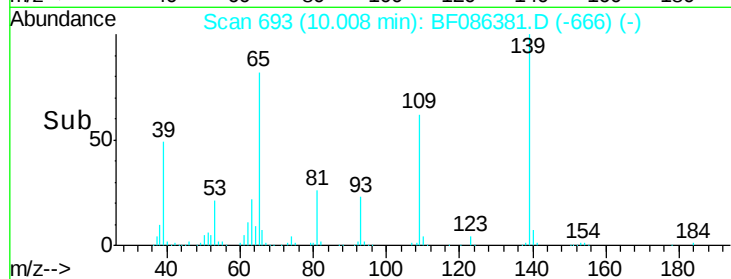
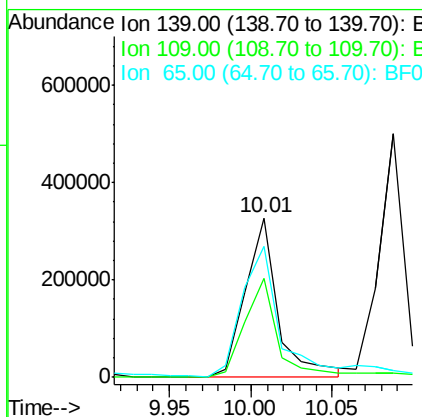
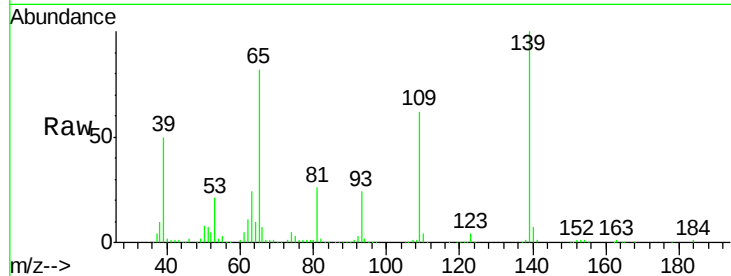




#55
4-Nitrophenol
Concen: 98.73 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

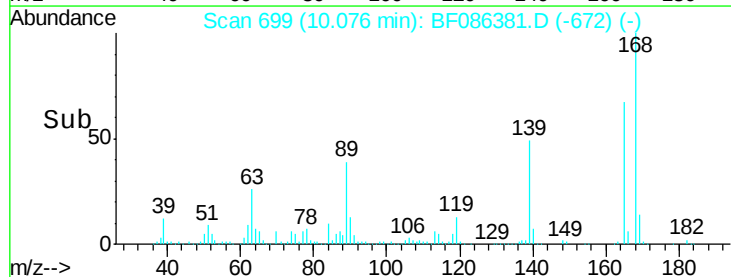
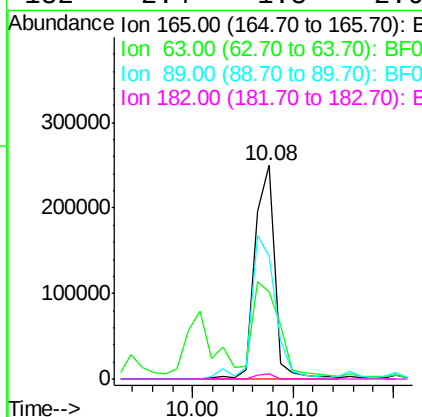
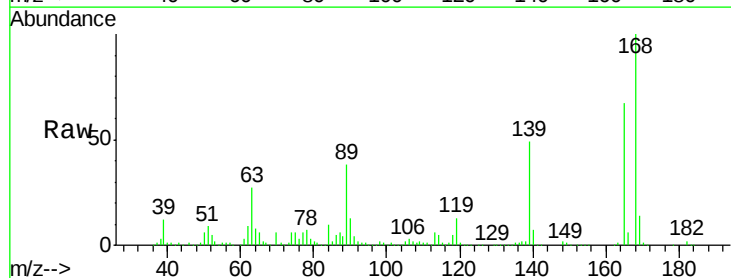
Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

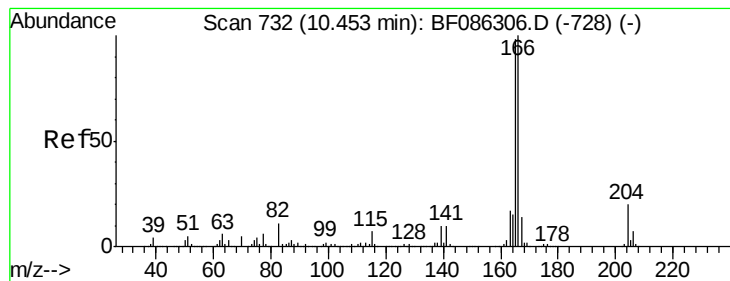
Tgt Ion:139 Resp: 450972
Ion Ratio Lower Upper
139 100
109 62.4 36.9 76.9
65 82.3 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 49.61 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:165 Resp: 343483
Ion Ratio Lower Upper
165 100
63 40.8 44.3 66.5#
89 57.3 70.0 105.0#
182 2.4 1.8 2.6





#57

Fluorene

Concen: 47.01 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

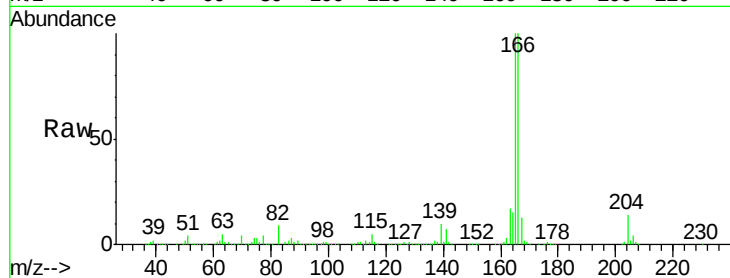
Tgt Ion:166 Resp: 1011174

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.6

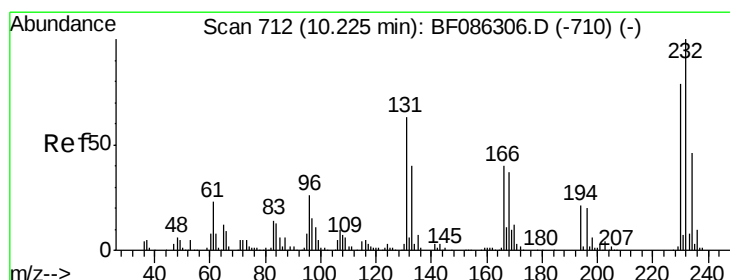
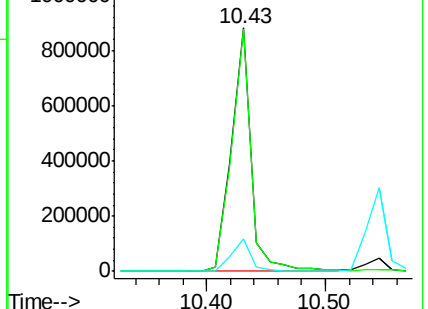
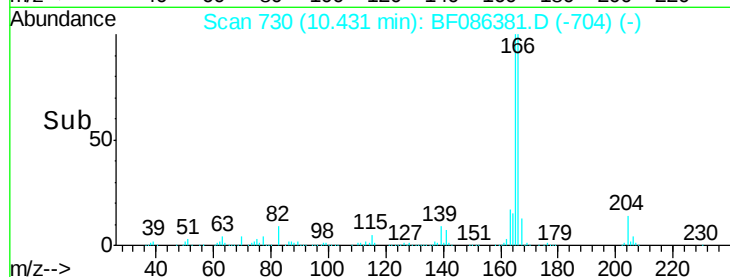
167 13.3 10.6 15.8



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: 51.65 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:232 Resp: 263487

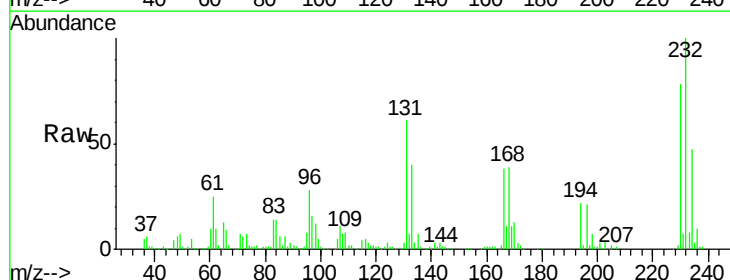
Ion Ratio Lower Upper

232 100

131 53.5 41.9 62.9

130 2.7 2.2 3.4

166 31.5 26.8 40.2

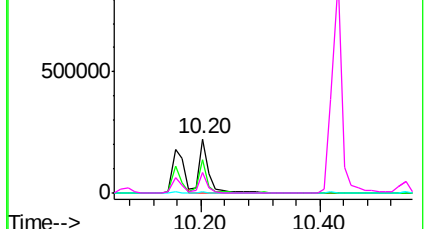
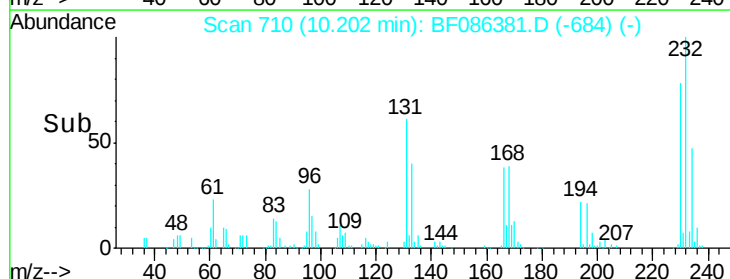


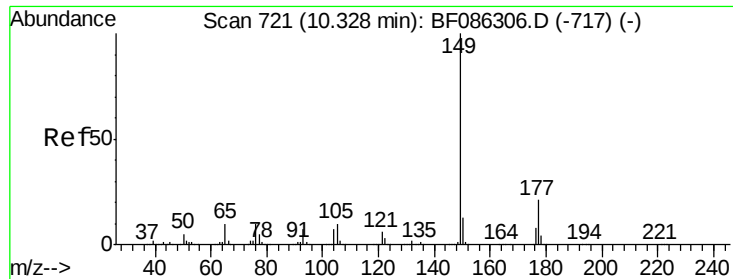
Abundance Ion 232.00 (231.70 to 232.70): E

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

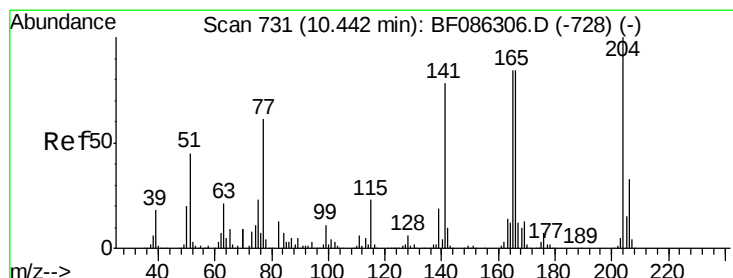
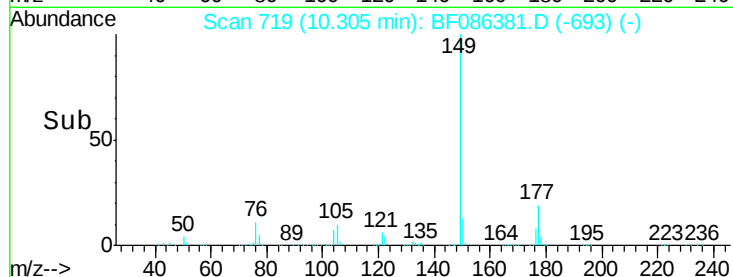
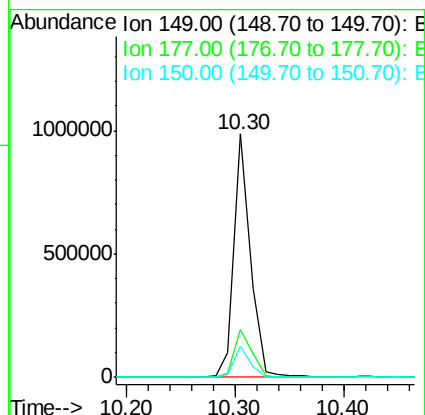
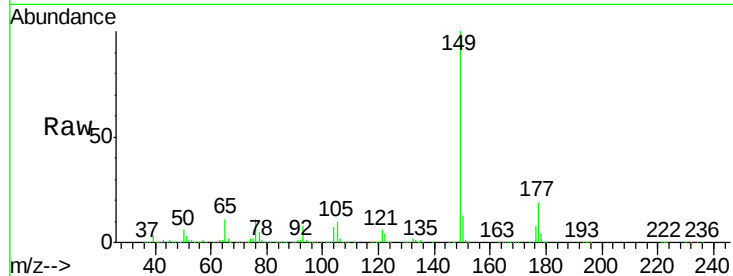




#59
Diethylphthalate
Concen: 44.55 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

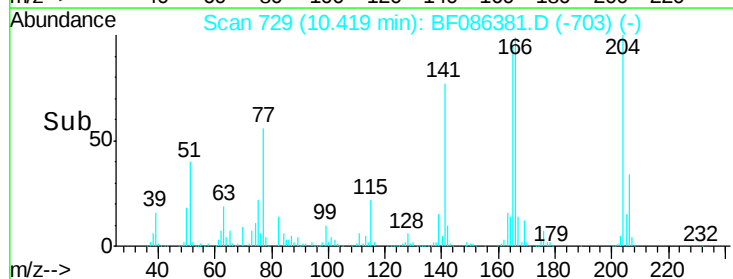
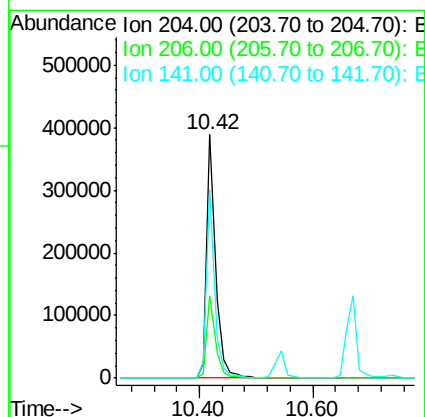
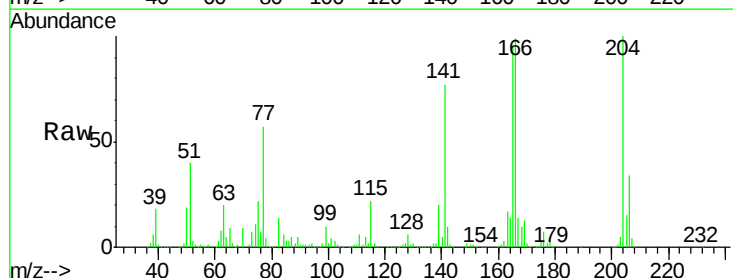
Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

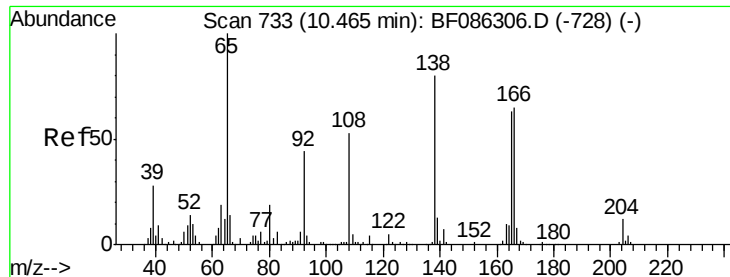
Tgt Ion:149 Resp: 1029819
Ion Ratio Lower Upper
149 100
177 19.4 16.6 24.8
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 43.41 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:204 Resp: 408351
Ion Ratio Lower Upper
204 100
206 33.7 25.4 38.0
141 77.2 61.6 92.4

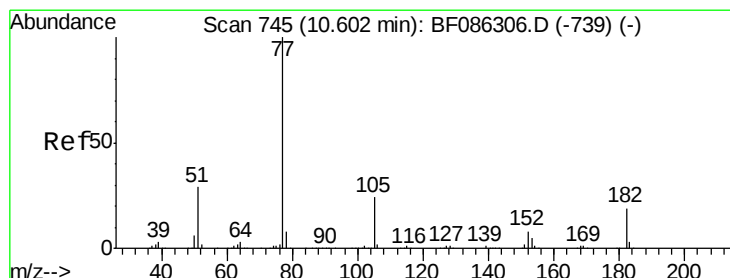
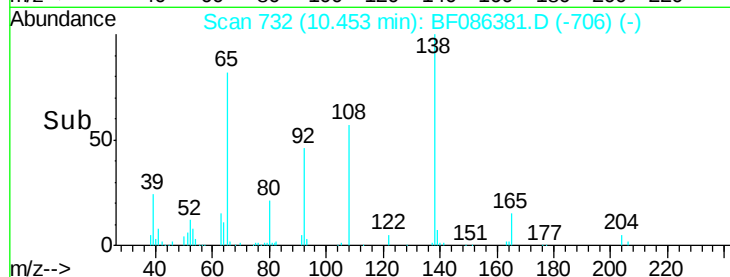
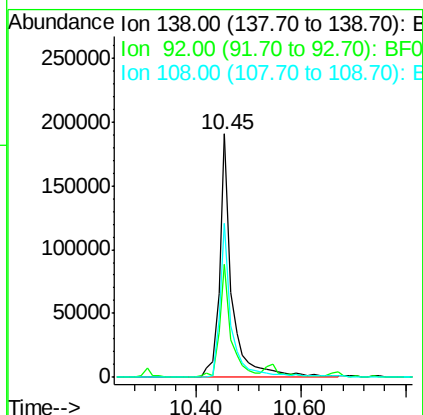
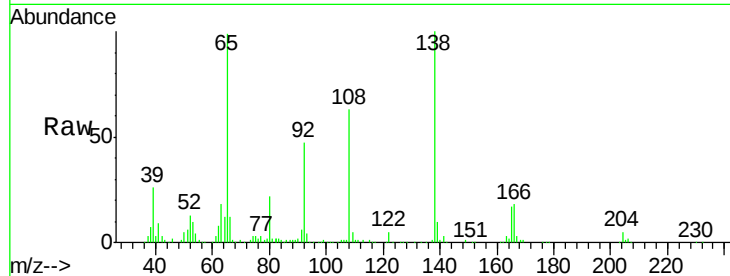




#61
4-Nitroaniline
Concen: 46.96 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

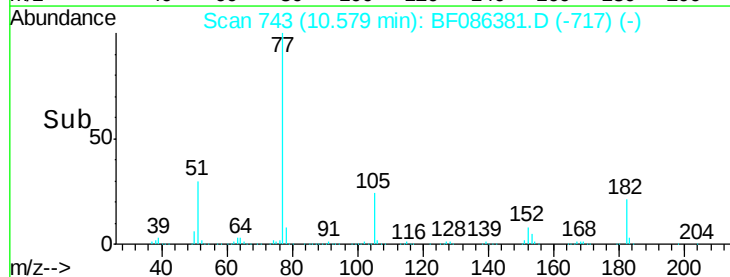
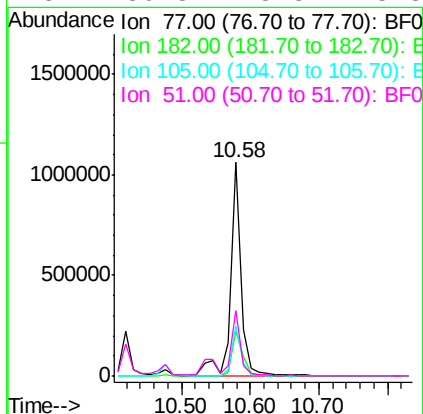
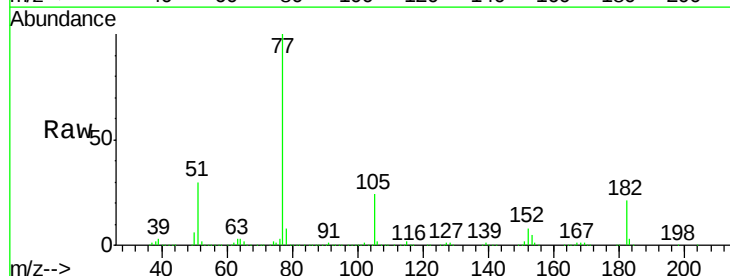
Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

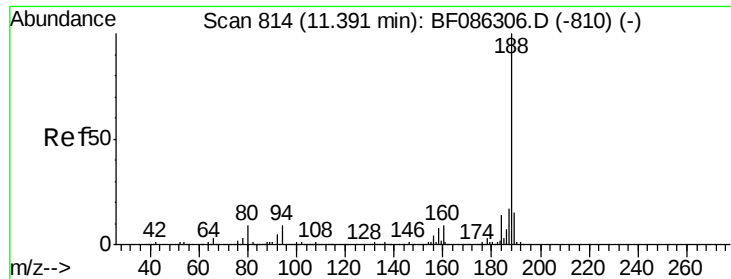
Tgt Ion:138 Resp: 313741
Ion Ratio Lower Upper
138 100
92 46.6 24.7 64.7
108 63.2 37.4 77.4



#62
Azobenzene
Concen: 48.41 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion: 77 Resp: 1160472
Ion Ratio Lower Upper
77 100
182 21.2 0.0 38.8
105 23.6 3.2 43.2
51 30.3 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

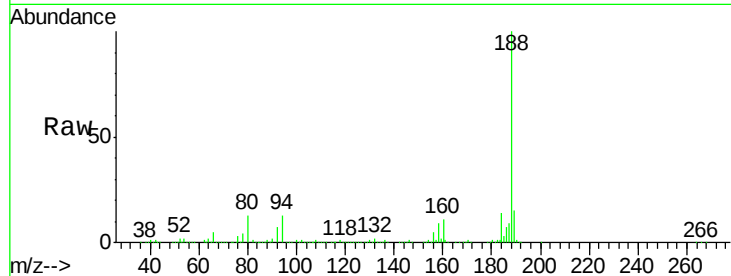
Tgt Ion:188 Resp: 628182

Ion Ratio Lower Upper

188 100

94 13.1 6.8 10.2#

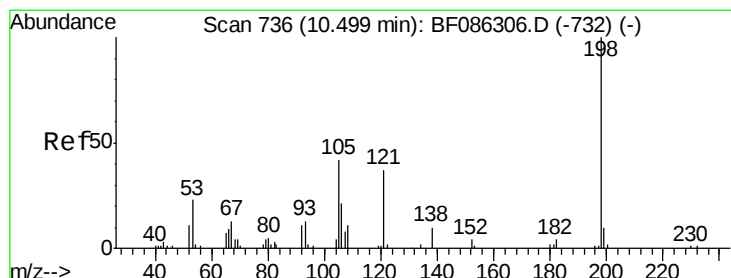
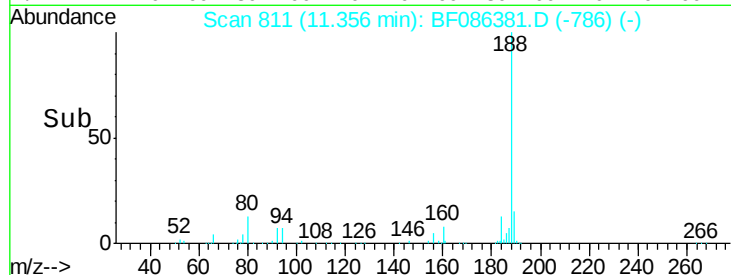
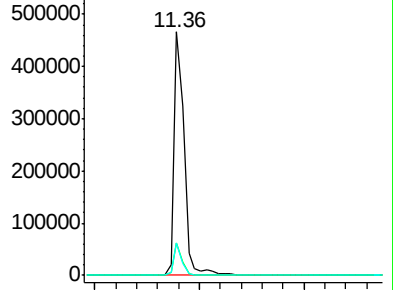
80 13.3 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.82 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

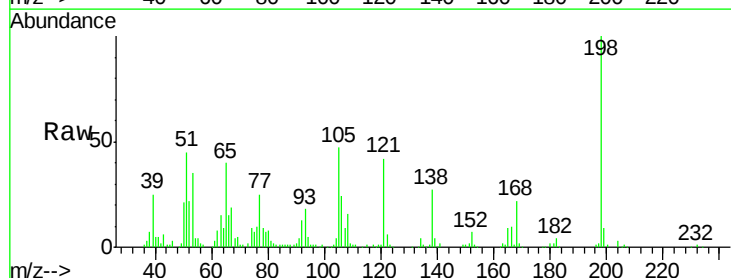
Tgt Ion:198 Resp: 125990

Ion Ratio Lower Upper

198 100

51 45.0 20.5 60.5

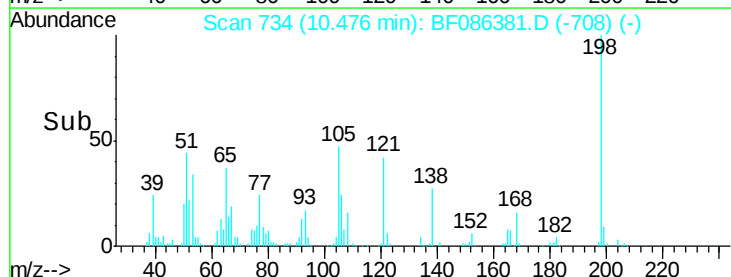
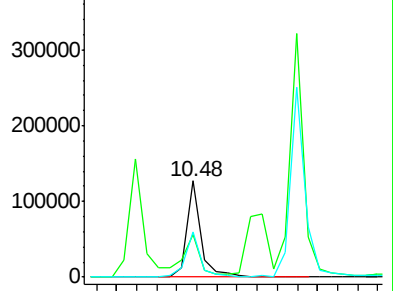
105 47.1 24.5 64.5

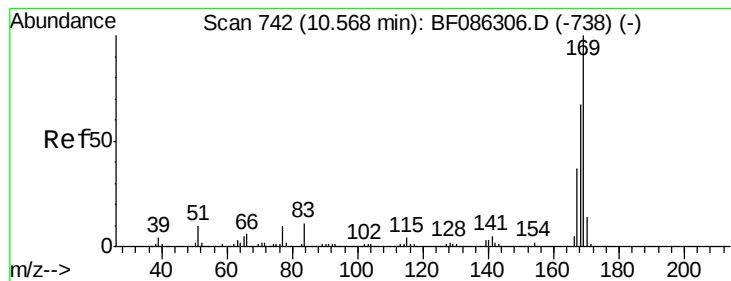


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.49 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

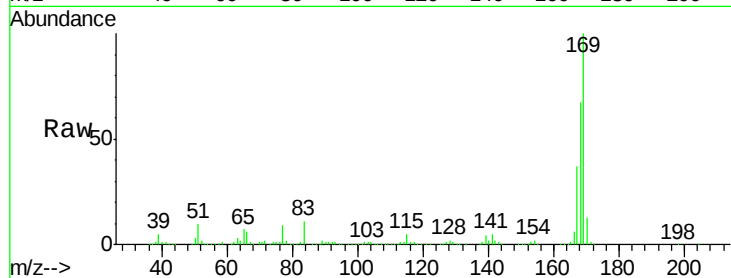
Tgt Ion:169 Resp: 939190

Ion Ratio Lower Upper

169 100

168 67.0 53.8 80.6

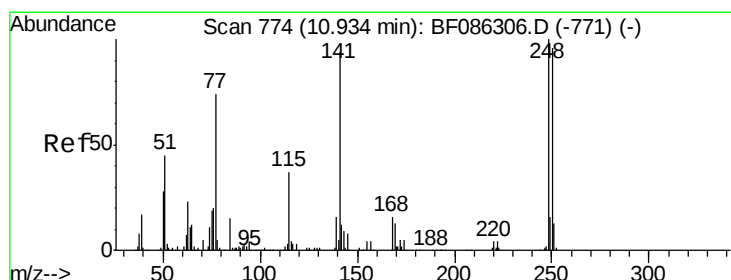
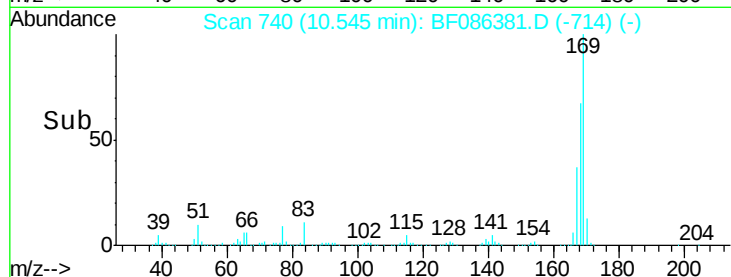
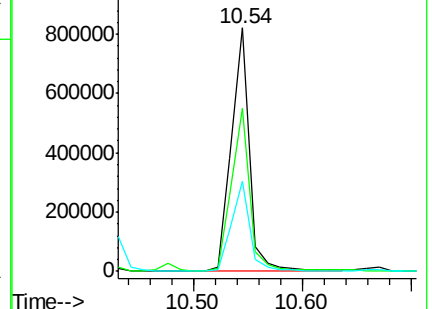
167 36.7 29.5 44.3



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: 46.15 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

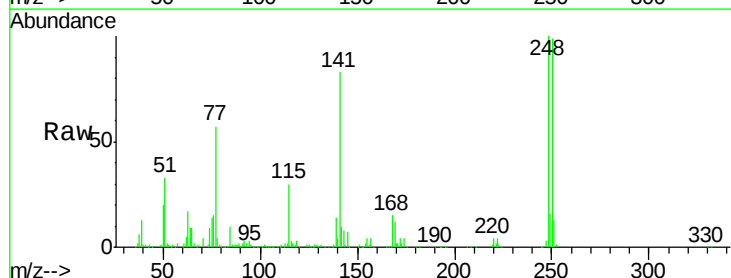
Tgt Ion:248 Resp: 283844

Ion Ratio Lower Upper

248 100

250 99.3 78.6 117.8

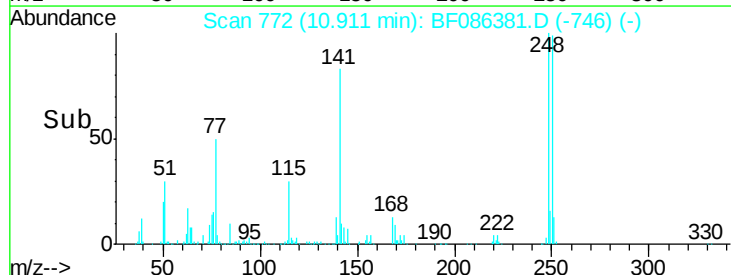
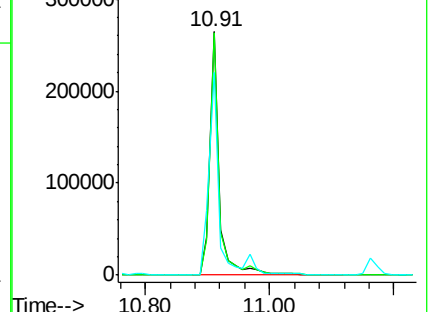
141 83.2 76.0 114.0

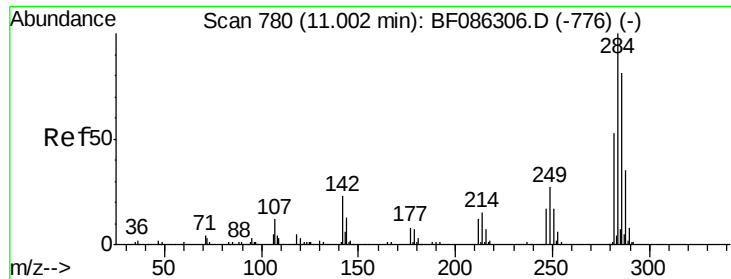


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

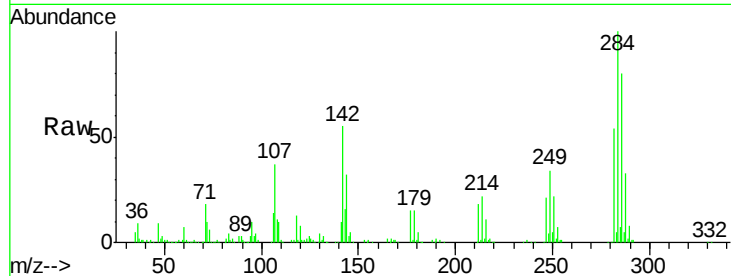




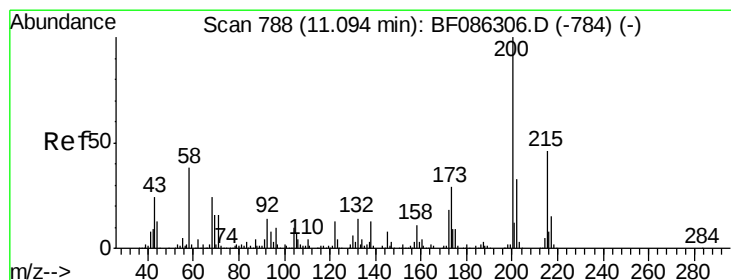
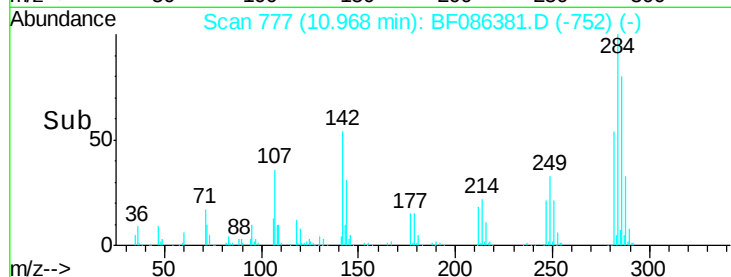
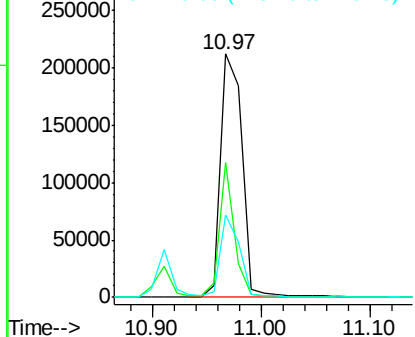
#67
Hexachlorobenzene
Concen: 44.61 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

Tgt Ion:284 Resp: 292754
Ion Ratio Lower Upper
284 100
142 55.1 16.7 25.1#
249 33.8 21.3 31.9#

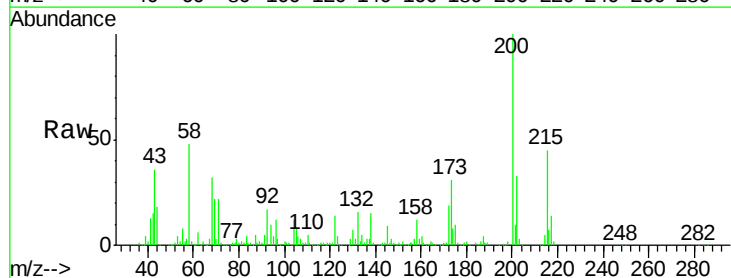


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

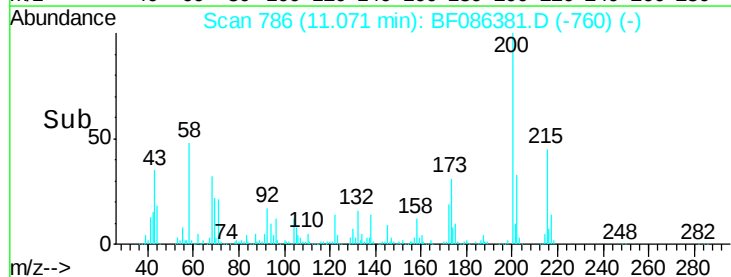
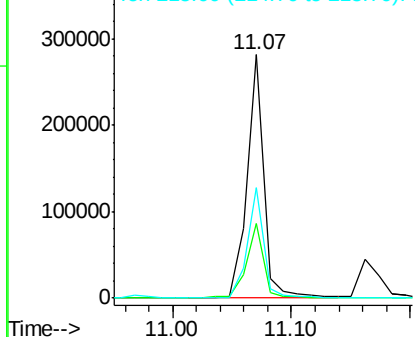


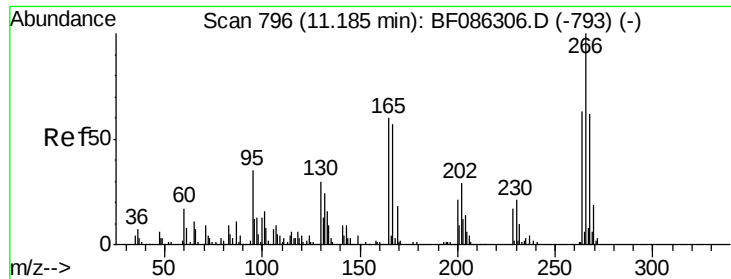
#68
Atrazine
Concen: 46.58 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:200 Resp: 278600
Ion Ratio Lower Upper
200 100
173 30.7 8.5 48.5
215 45.4 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

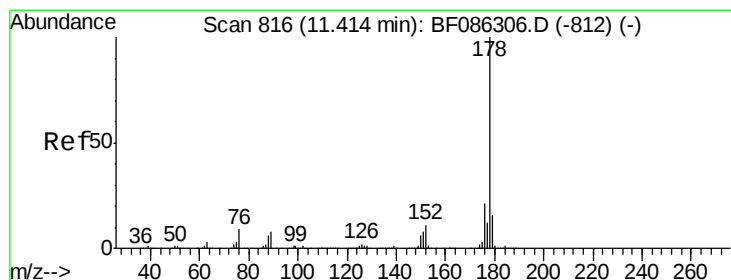
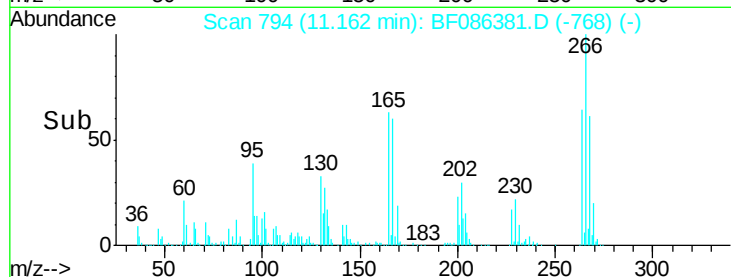
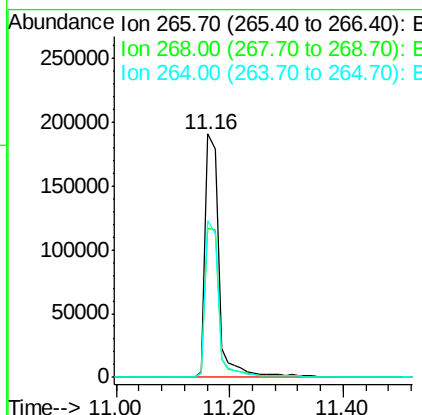
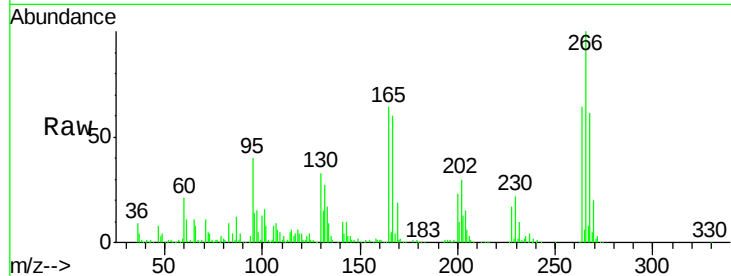




#69
 Pentachlorophenol
 Concen: 80.47 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

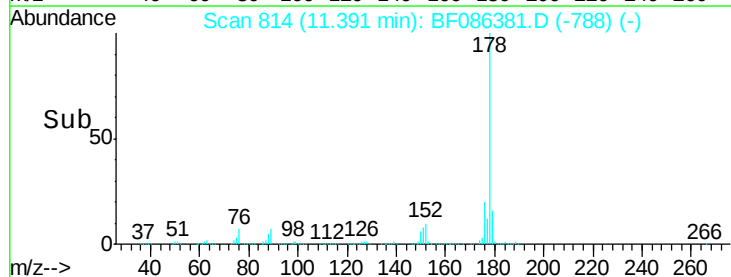
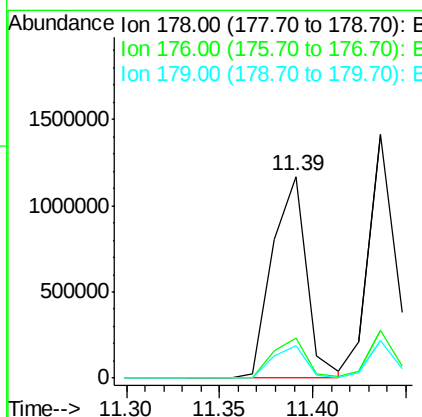
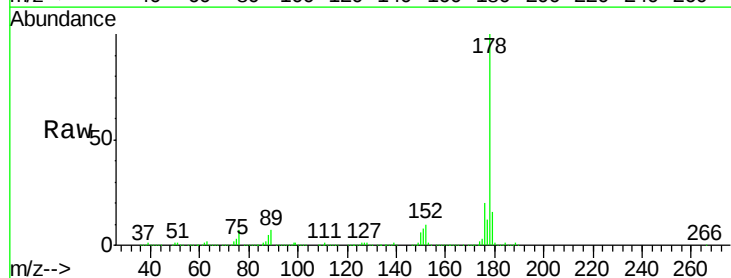
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

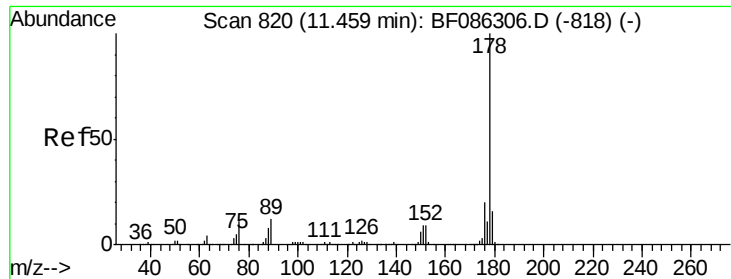
Tgt Ion:266 Resp: 310118
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.5 77.3
 264 64.1 52.9 79.3



#70
 Phenanthrene
 Concen: 47.06 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:178 Resp: 1485449
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.8 12.6 18.8

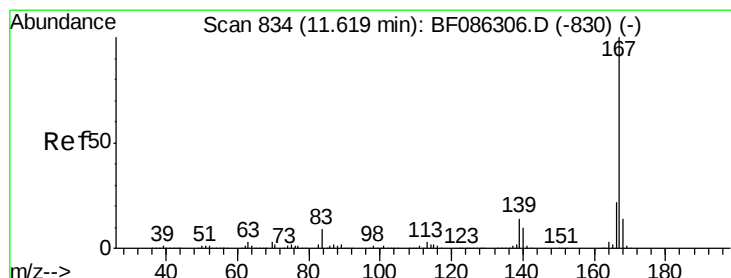
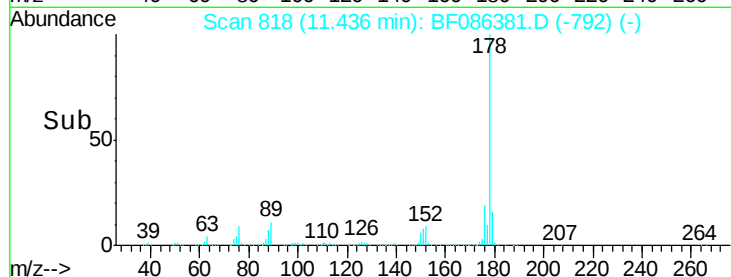
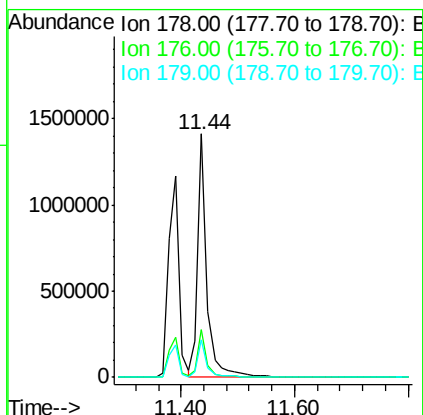
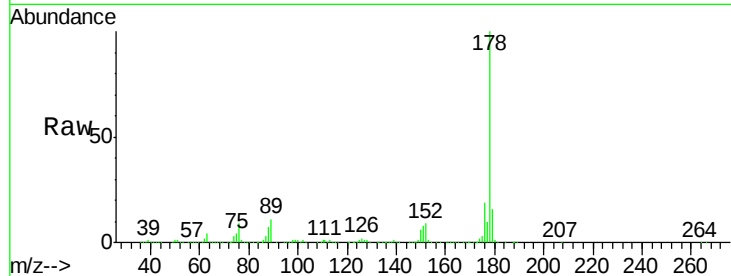




#71
 Anthracene
 Concen: 43.71 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

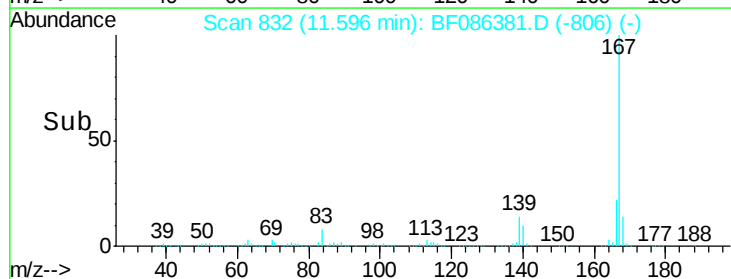
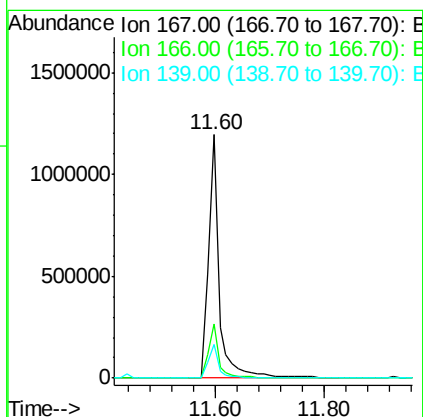
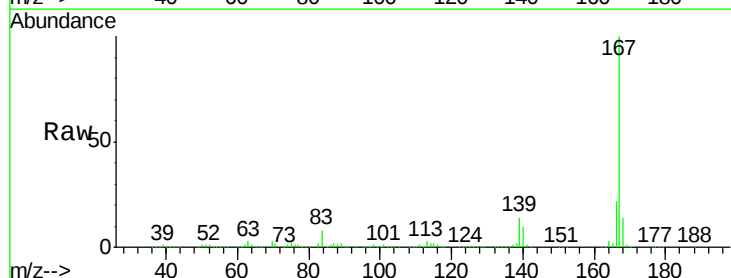
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

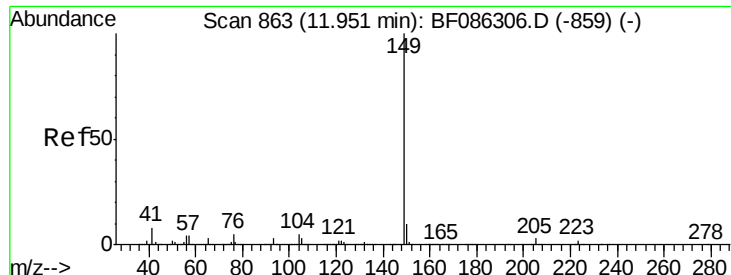
Tgt Ion:178 Resp: 1580854
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 47.88 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:167 Resp: 1626541
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 13.7 10.8 16.2

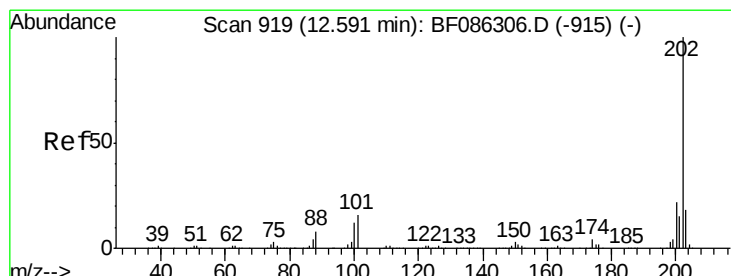
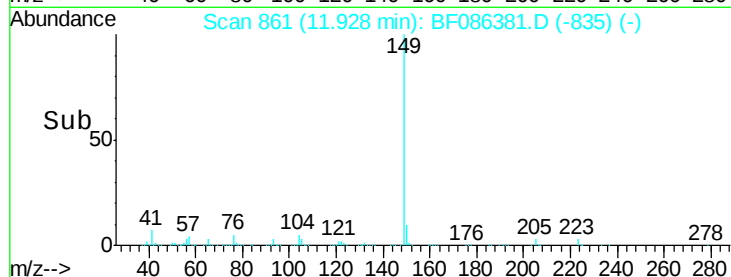
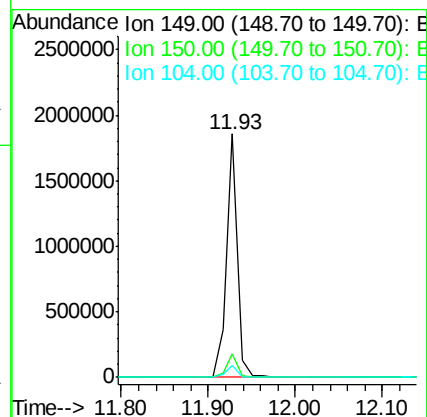
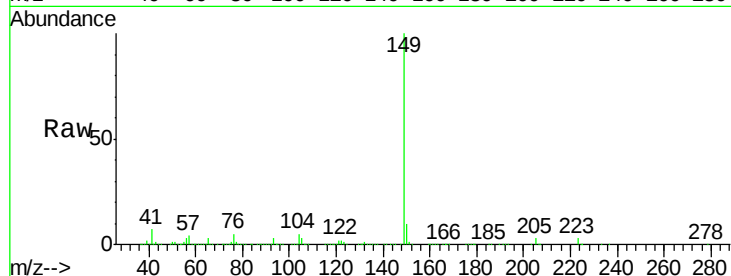




#73
Di-n-butylphthalate
Concen: 46.33 ng
RT: 11.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

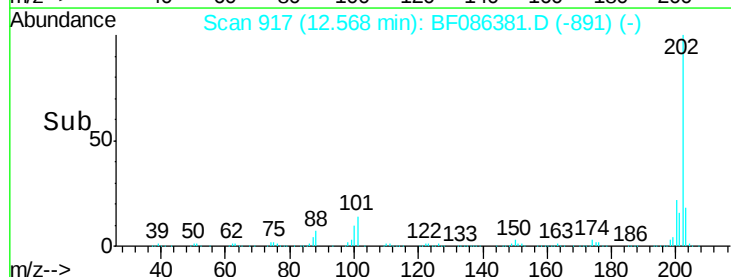
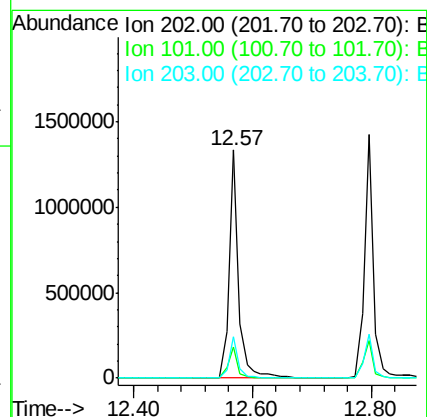
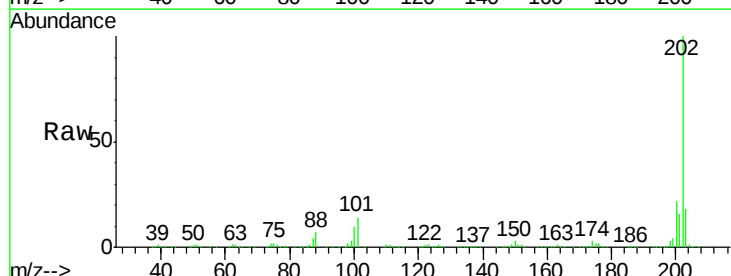
Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

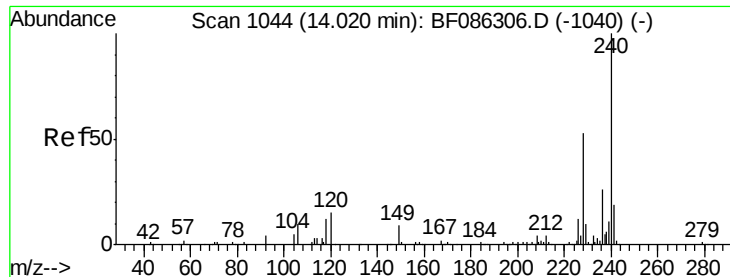
Tgt Ion:149 Resp: 1655562
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 4.9 3.8 5.6



#74
Fluoranthene
Concen: 43.81 ng
RT: 12.57 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:202 Resp: 1491480
Ion Ratio Lower Upper
202 100
101 13.7 0.0 35.4
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

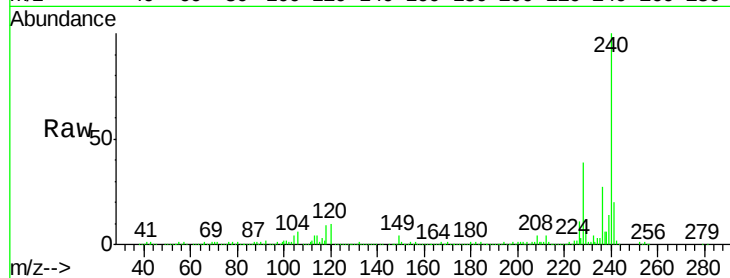
Tgt Ion:240 Resp: 425394

Ion Ratio Lower Upper

240 100

120 9.9 11.2 16.8#

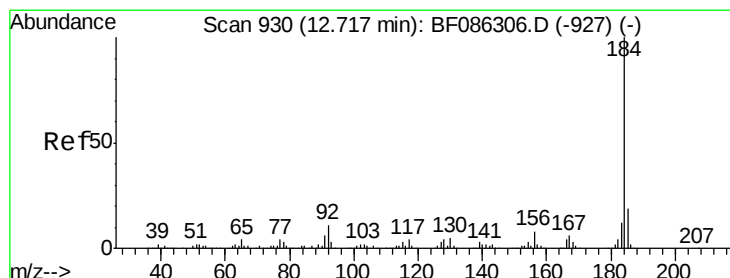
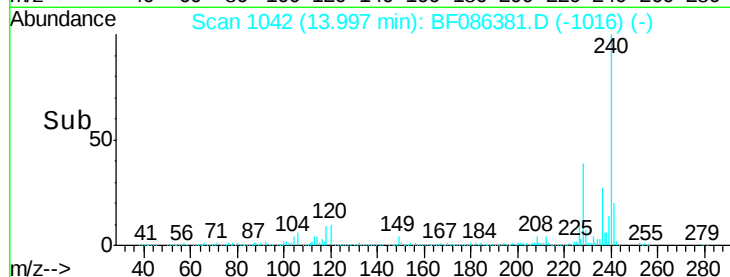
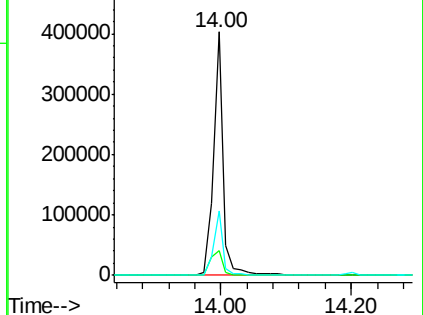
236 26.6 21.2 31.8



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: 32.71 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

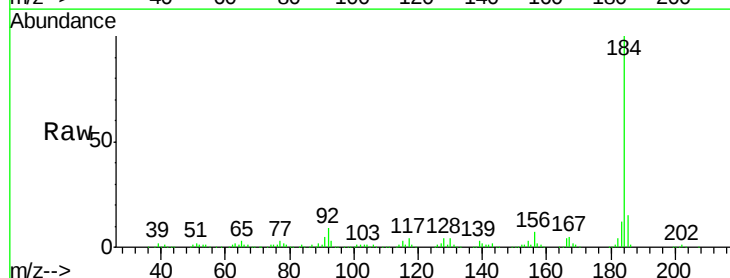
Tgt Ion:184 Resp: 570580

Ion Ratio Lower Upper

184 100

185 14.8 13.6 20.4

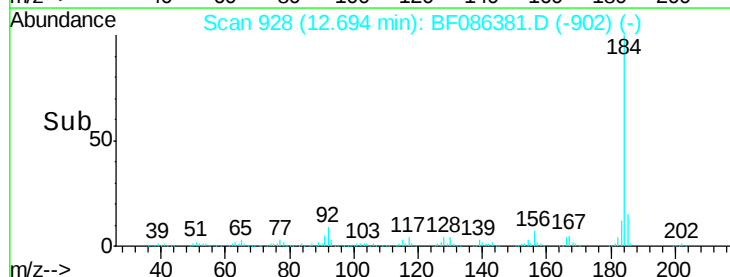
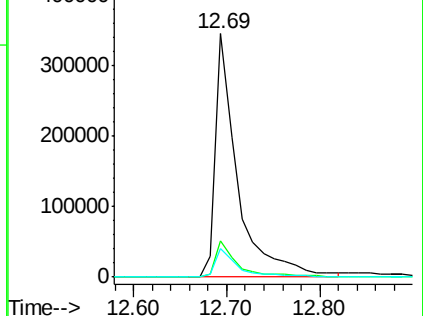
183 11.9 9.8 14.6

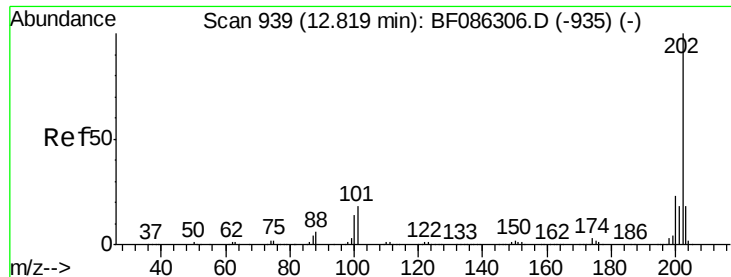


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

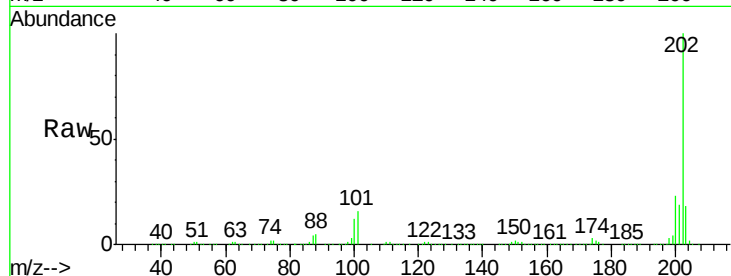




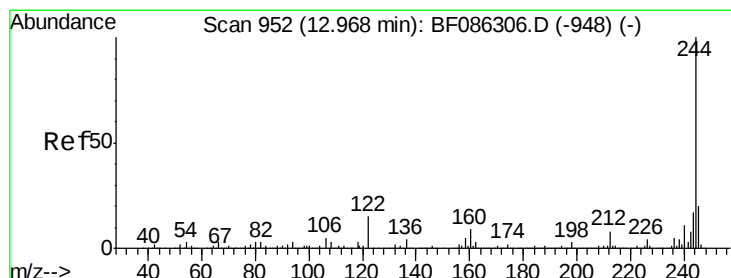
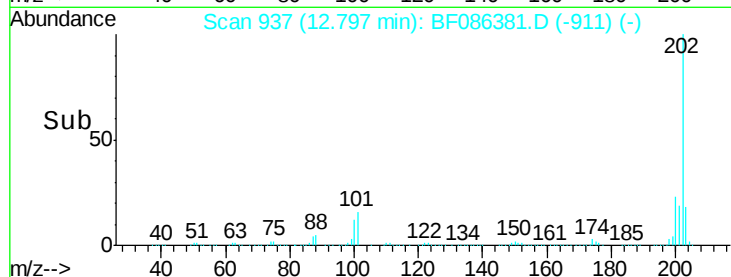
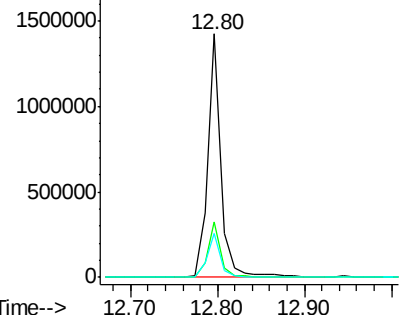
#77
 Pyrene
 Concen: 50.85 ng
 RT: 12.80 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

Tgt Ion:202 Resp: 1508606
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.7 26.5
 203 17.9 14.2 21.4

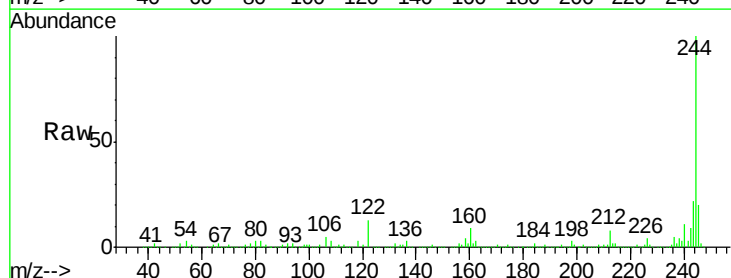


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

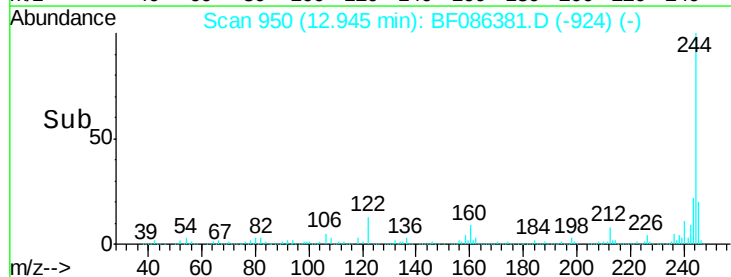
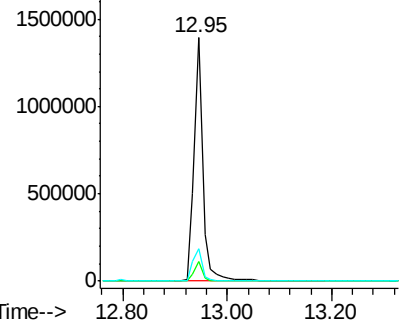


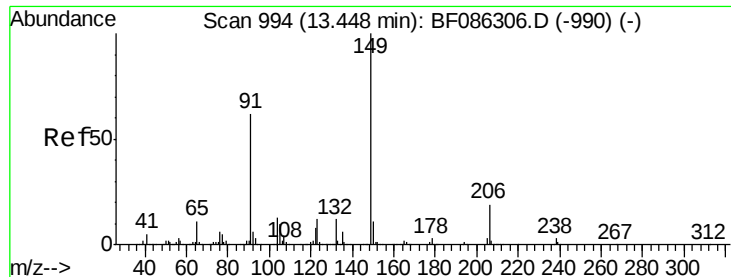
#78
 Terphenyl-d14
 Concen: 96.13 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:244 Resp: 1645868
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.4 12.0 18.0



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

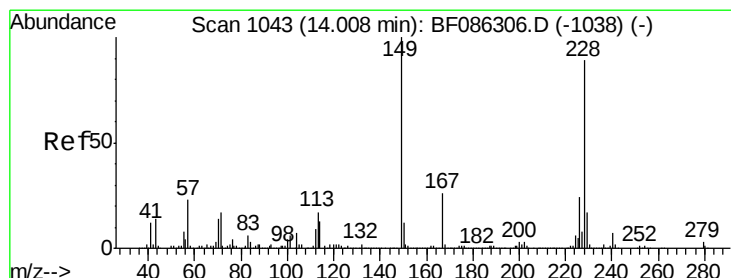
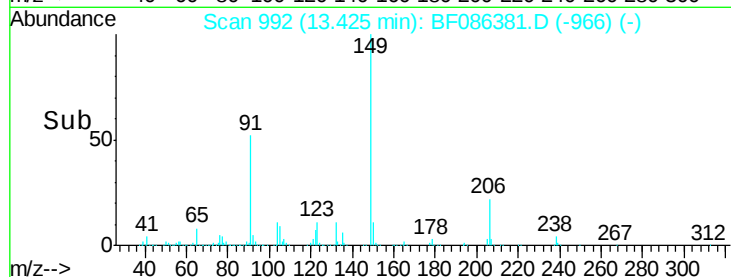
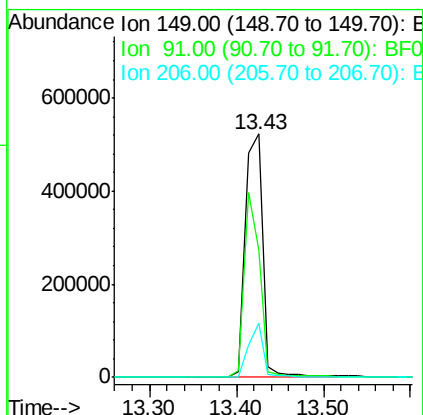
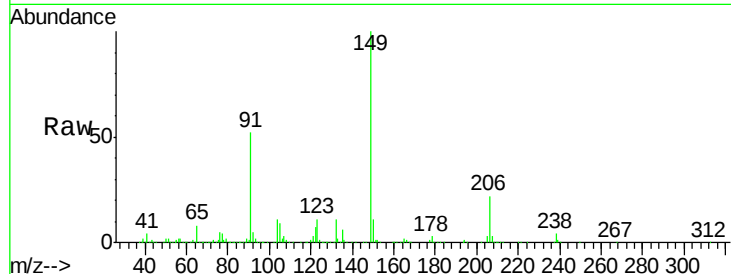




#79
Butylbenzylphthalate
Concen: 53.24 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

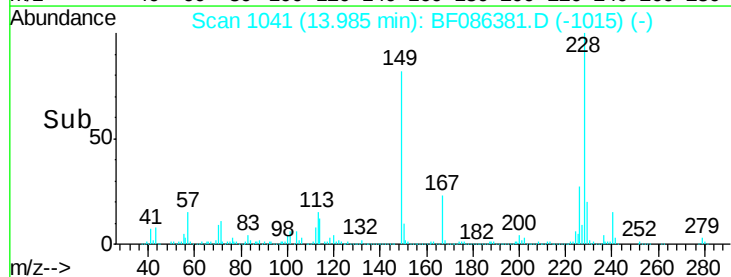
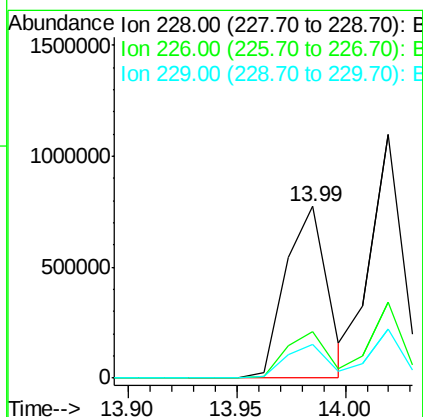
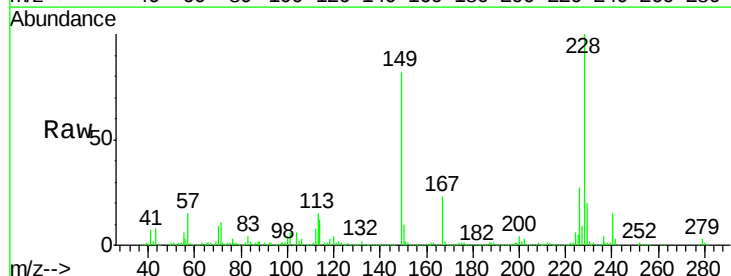
Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

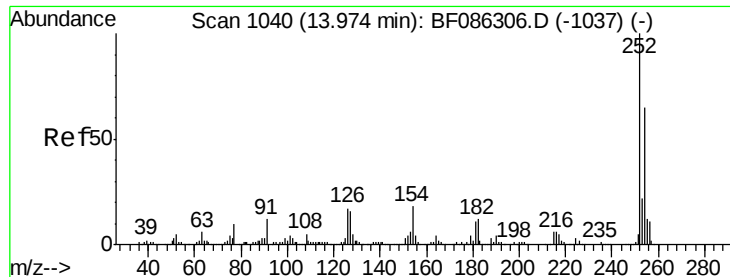
Tgt Ion:149 Resp: 735872
Ion Ratio Lower Upper
149 100
91 52.4 48.0 72.0
206 22.2 15.8 23.6



#80
Benzo(a)anthracene
Concen: 46.67 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:228 Resp: 1030683
Ion Ratio Lower Upper
228 100
226 27.1 22.5 33.7
229 19.8 16.6 25.0

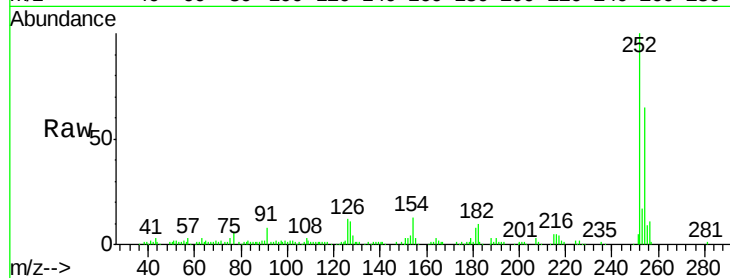




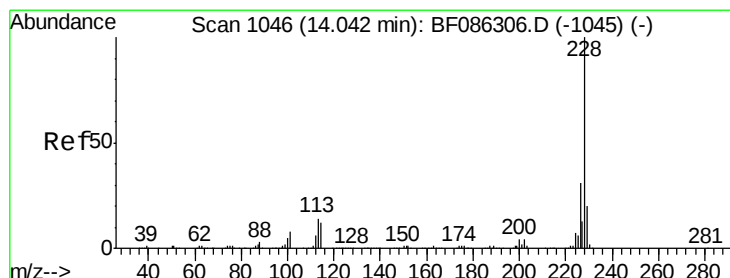
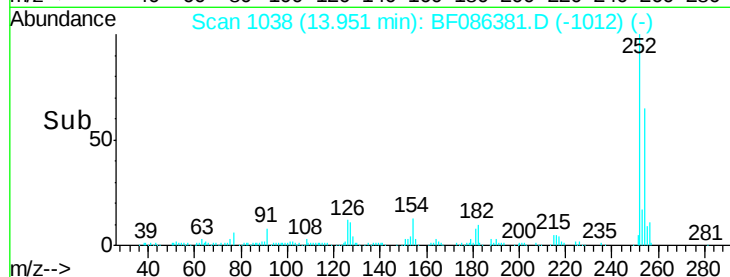
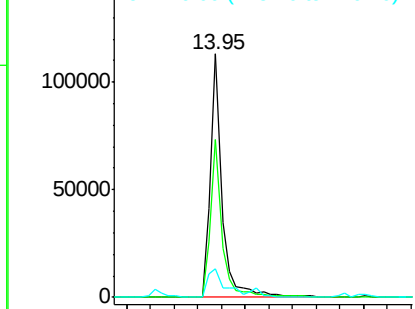
#81
 3,3'-Dichlorobenzidine
 Concen: 10.24 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	11.5	12.7	19.1#

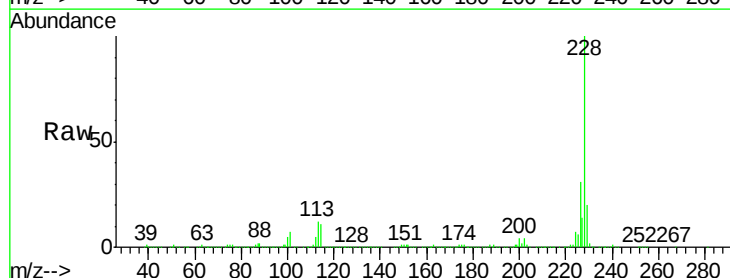


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

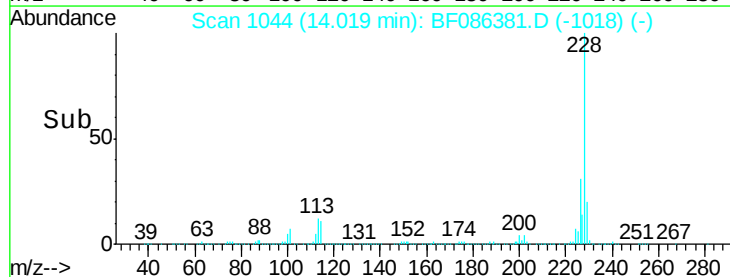
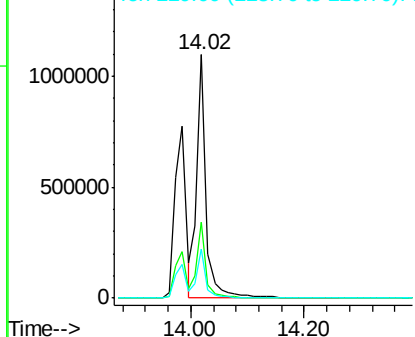


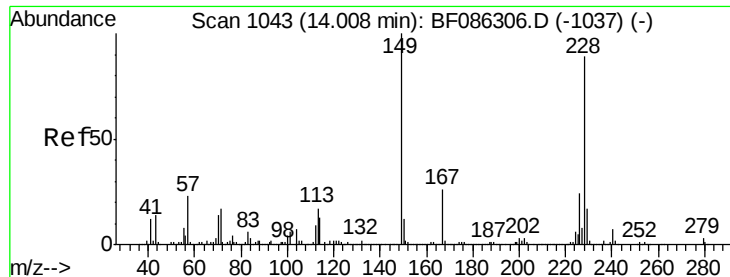
#82
 Chrysene
 Concen: 50.24 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.3	15.8	23.8



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

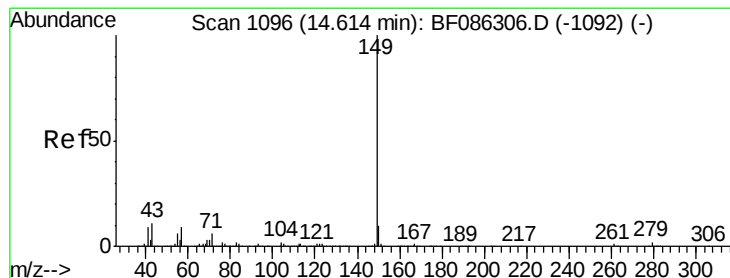
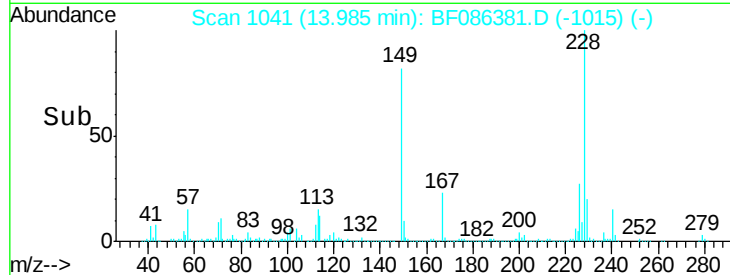
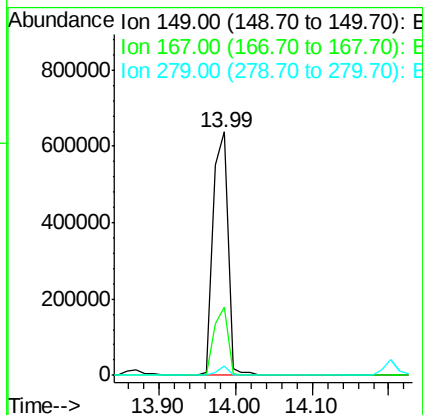
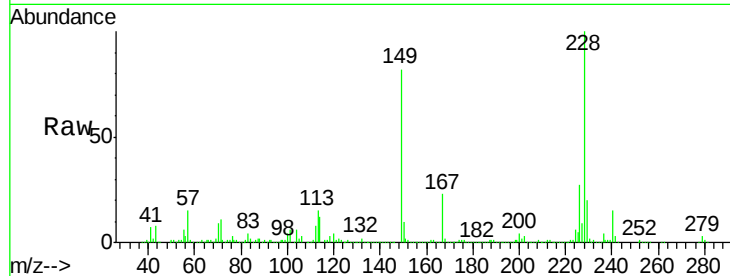




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.57 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

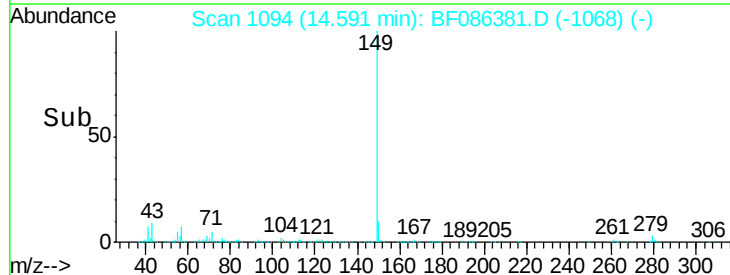
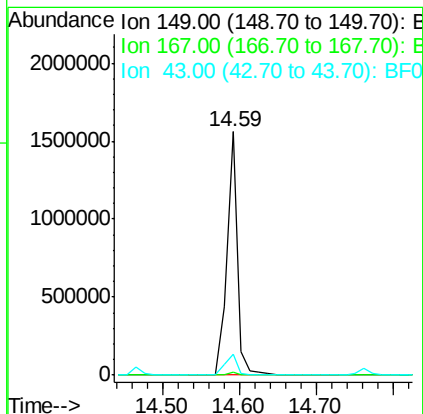
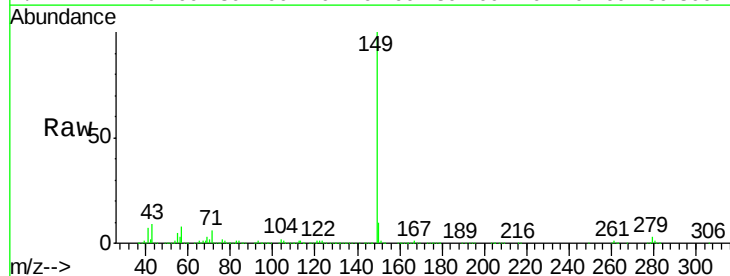
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

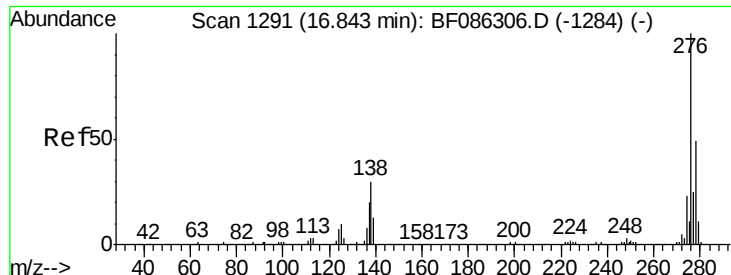
Tgt Ion:149 Resp: 844448
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.8 32.6
 279 4.0 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 51.07 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:149 Resp: 1517182
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.7 8.2 12.4

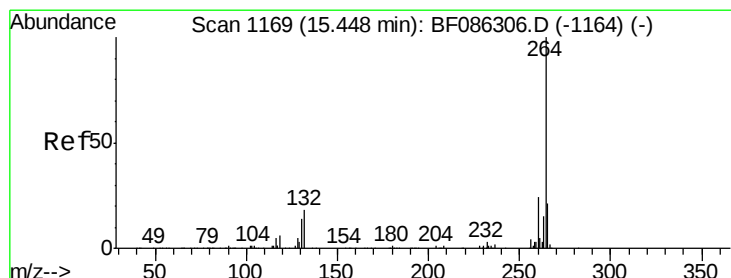
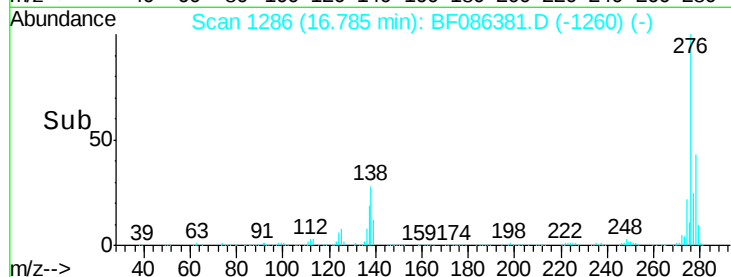
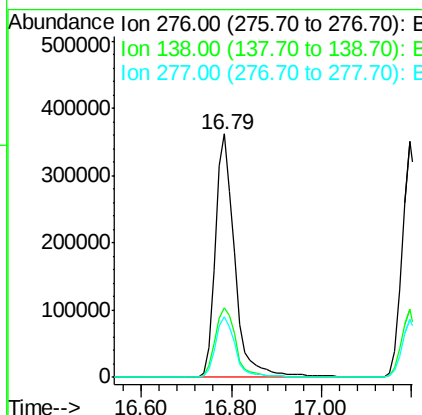
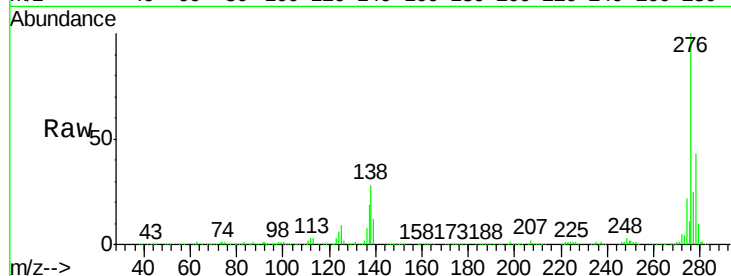




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.23 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

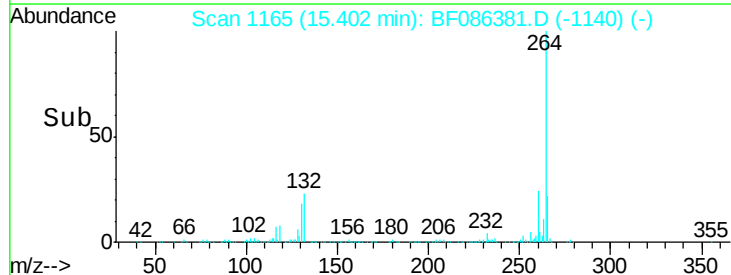
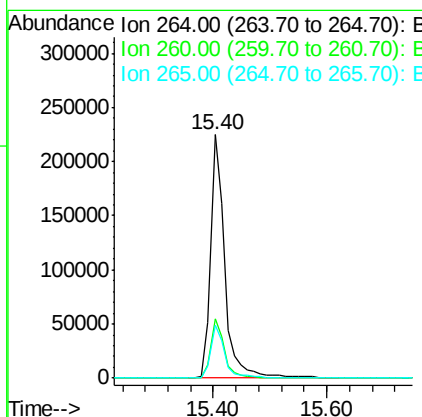
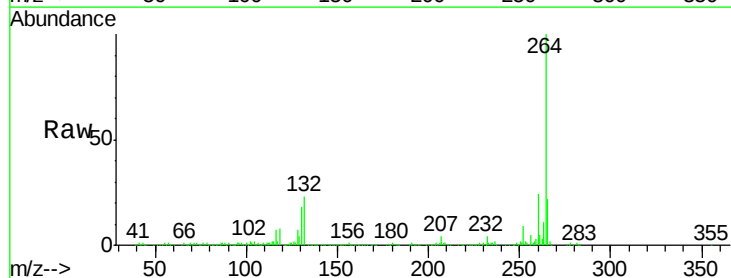
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

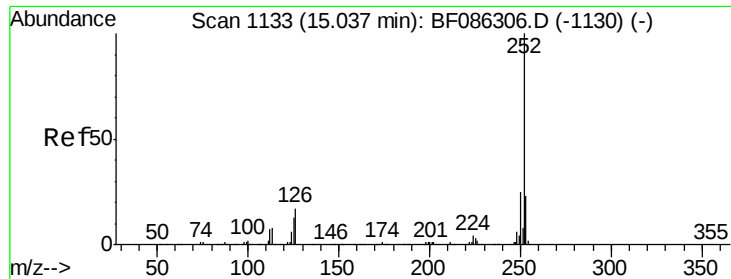
Tgt Ion: 276 Resp: 1088924
 Ion Ratio Lower Upper
 276 100
 138 31.1 25.6 38.4
 277 25.8 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion: 264 Resp: 377322
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 46.25 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF086381.D

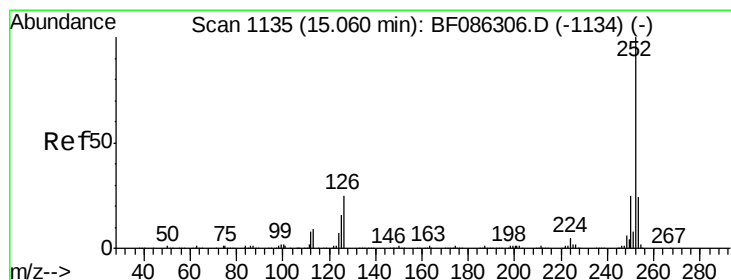
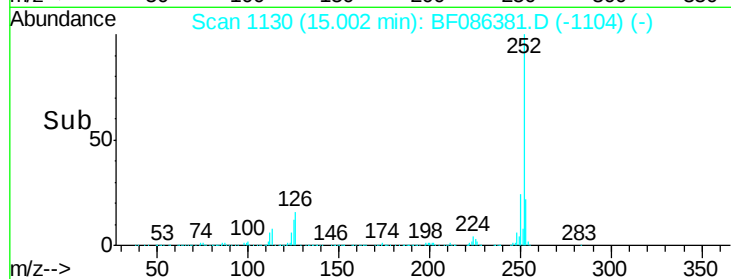
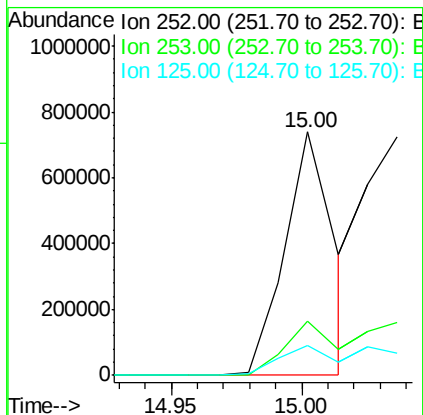
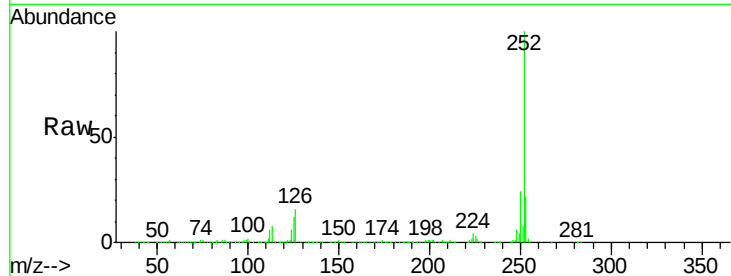
Acq: 23 Apr 2016 10:13

Instrument :
BNA_F

ClientSampleId :
WPG-B3(5-9)-CMSD

Tgt Ion: 252 Resp: 957973

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.3	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 47.13 ng

RT: 15.00 min Scan# 1130

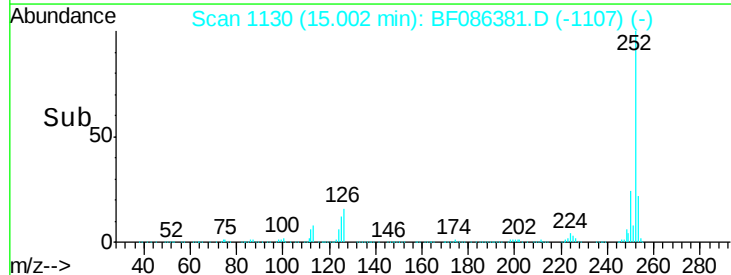
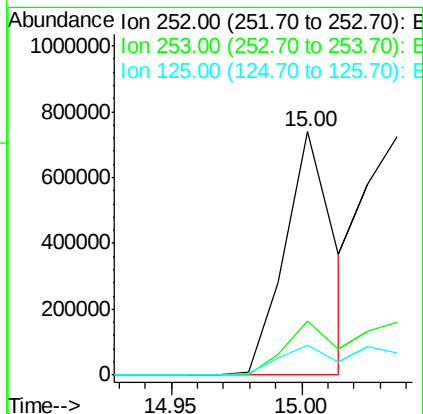
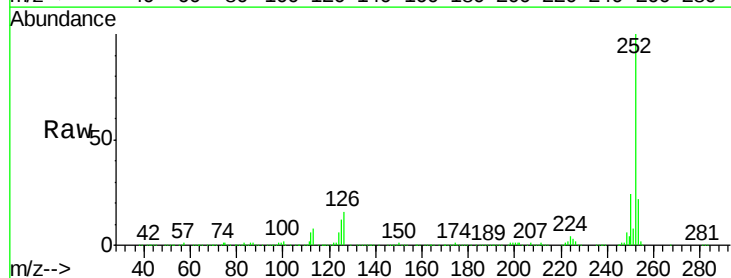
Delta R.T. -0.03 min

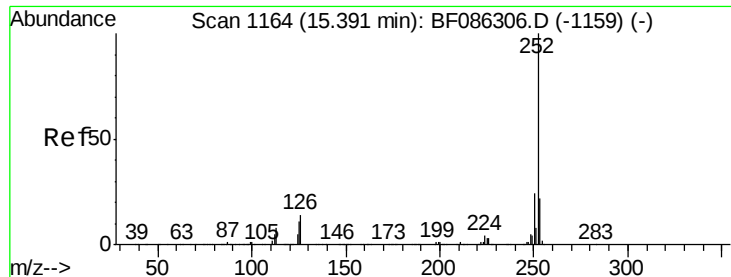
Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion: 252 Resp: 957973

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.3	9.1	13.7





#89

Benzo(a)pyrene

Concen: 49.02 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

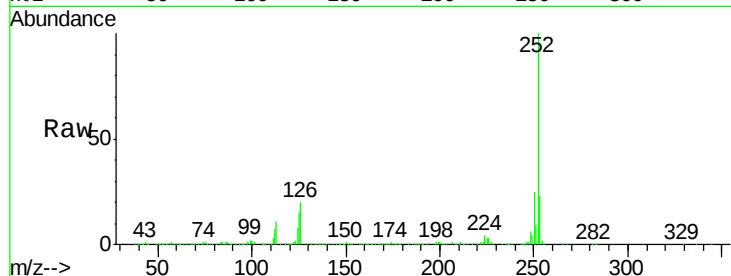
Tgt Ion:252 Resp: 1001461

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

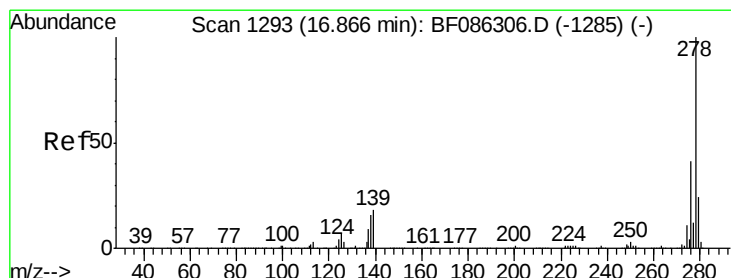
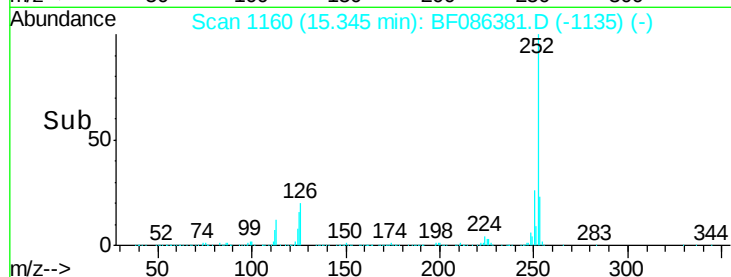
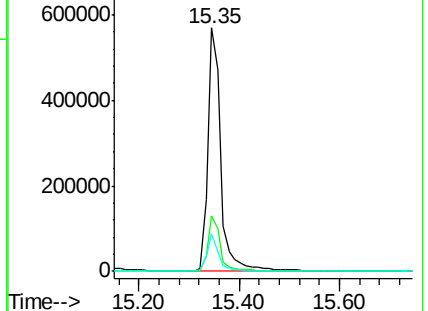
125 15.3 9.0 13.6#



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: 53.29 ng

RT: 16.81 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

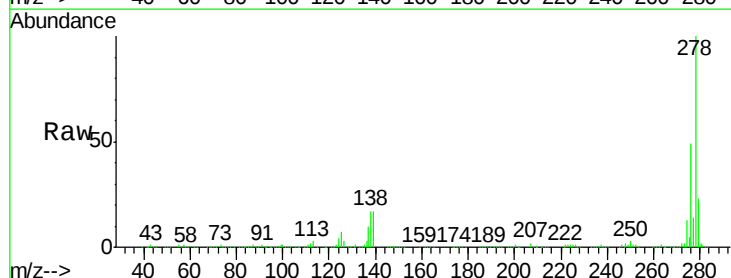
Tgt Ion:278 Resp: 898218

Ion Ratio Lower Upper

278 100

139 16.9 16.6 24.8

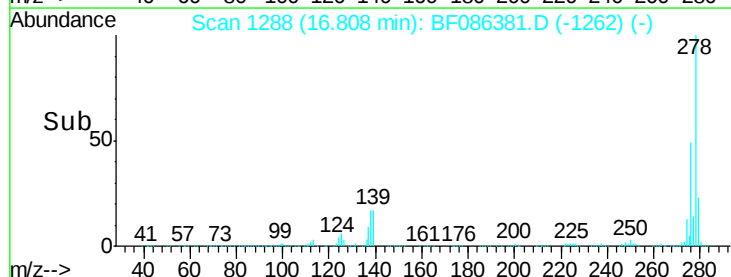
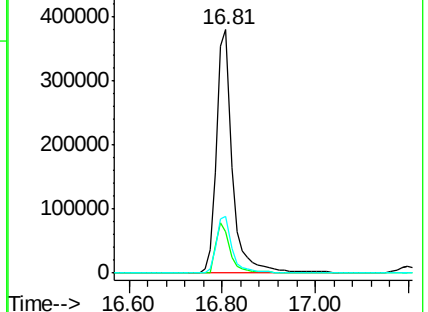
279 23.2 19.6 29.4

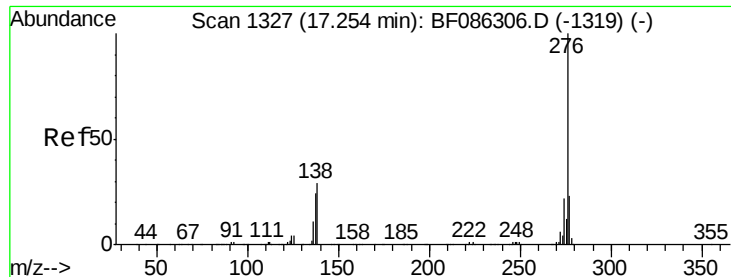


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.68 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	28.9	23.6	35.4

