

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082596.D
 Acq On : 31 Oct 2015 2:59
 Operator : UM/IZ
 Sample : PB86326BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Quant Time: Oct 31 03:44:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192332	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	734536	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	394377	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	718985	20.00	ng	0.00
75) Chrysene-d12	14.08	240	577613	20.00	ng	0.00
86) Perylene-d12	15.52	264	425778	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1075204	84.20	ng	0.01
7) Phenol-d6	6.53	99	1335561	78.73	ng	0.00
23) Nitrobenzene-d5	7.47	82	1464582	81.42	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	336294	77.92	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2216740	79.81	ng	0.00
78) Terphenyl-d14	13.03	244	1917324	72.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	186636	31.62	ng	# 89
3) Pyridine	3.34	79	510151	29.47	ng	94
4) n-Nitrosodimethylamine	3.29	42	328571	33.72	ng	99
6) Aniline	6.56	93	558793	23.66	ng	91
8) 2-Chlorophenol	6.69	128	508620	36.81	ng	100
9) Benzaldehyde	6.44	77	227174	19.62	ng	96
10) Phenol	6.54	94	730614	38.01	ng	100
11) bis(2-Chloroethyl)ether	6.64	93	491244	34.64	ng	97
12) 1,3-Dichlorobenzene	6.84	146	527420	33.47	ng	99
13) 1,4-Dichlorobenzene	6.92	146	595890	38.14	ng	98
14) 1,2-Dichlorobenzene	7.08	146	533508	36.78	ng	98
15) Benzyl Alcohol	7.05	79	632120	39.96	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	861669	38.23	ng	99
17) 2-Methylphenol	7.16	107	476443	40.56	ng	98
18) Hexachloroethane	7.42	117	226053	37.07	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	427312	33.23	ng	99
20) 3+4-Methylphenols	7.31	107	535114	35.05	ng	95
22) Acetophenone	7.31	105	801891	37.08	ng	# 78
24) Nitrobenzene	7.48	77	608712	33.48	ng	# 85
25) Isophorone	7.73	82	1216409	36.76	ng	98
26) 2-Nitrophenol	7.80	139	237543	35.76	ng	98
27) 2,4-Dimethylphenol	7.85	122	512643	39.54	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	642079	35.47	ng	97
29) 2,4-Dichlorophenol	8.05	162	467640	39.57	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	457533	34.89	ng	99
31) Naphthalene	8.21	128	1394709	35.09	ng	100
32) Benzoic acid	7.96	122	325122	34.57	ng	98
34) Hexachlorobutadiene	8.34	225	305991	36.69	ng	99
35) Caprolactam	8.62	113	140101	38.64	ng	97
36) 4-Chloro-3-methylphenol	8.74	107	528812	38.00	ng	99
37) 2-Methylnaphthalene	8.91	142	1048716	40.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	485762	36.91	ng	97
40) Hexachlorocyclopentadiene	9.07	237	682384	82.48	ng	99
42) 2,4,6-Trichlorophenol	9.18	196	356468	37.51	ng	98

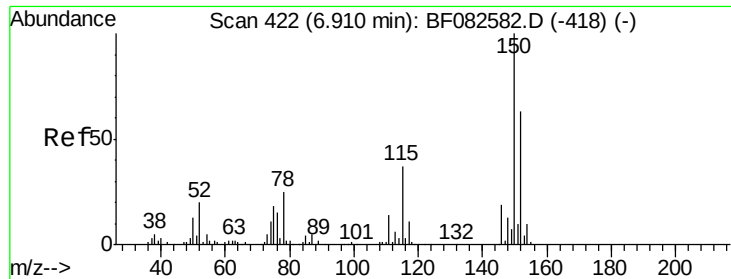
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082596.D
 Acq On : 31 Oct 2015 2:59
 Operator : UM/IZ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	322933	34.11	ng	94
45) 1,1'-Biphenyl	9.38	154	1203996	36.14	ng	98
46) 2-Chloronaphthalene	9.40	162	979098	37.64	ng	96
47) 2-Nitroaniline	9.48	65	338800	33.51	ng	99
48) Acenaphthylene	9.81	152	1566688	37.66	ng	100
49) Dimethylphthalate	9.68	163	1194617	37.09	ng	100
50) 2,6-Dinitrotoluene	9.73	165	282001	42.24	ng	87
51) Acenaphthene	9.98	154	1065938	40.36	ng	99
52) 3-Nitroaniline	9.89	138	139925	18.84	ng	85
53) 2,4-Dinitrophenol	10.00	184	222770	64.09	ng	# 56
54) Dibenzofuran	10.16	168	1255862	35.04	ng	98
55) 4-Nitrophenol	10.05	139	362783	64.92	ng	# 65
56) 2,4-Dinitrotoluene	10.13	165	343089	38.00	ng	# 94
57) Fluorene	10.50	166	1050994	36.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	288580	36.06	ng	99
59) Diethylphthalate	10.38	149	1263284	38.53	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	523811	37.28	ng	96
61) 4-Nitroaniline	10.51	138	228757	32.28	ng	99
62) Azobenzene	10.65	77	1404873	37.99	ng	83
64) 4,6-Dinitro-2-methylphenol	10.54	198	175438	40.46	ng	79
65) n-Nitrosodiphenylamine	10.61	169	1006836	40.74	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	295312	36.24	ng	# 62
67) Hexachlorobenzene	11.05	284	330546	36.59	ng	# 90
68) Atrazine	11.14	200	305990	37.84	ng	99
69) Pentachlorophenol	11.24	266	470651	79.00	ng	99
70) Phenanthrene	11.46	178	1482856	36.57	ng	99
71) Anthracene	11.52	178	1648616	40.38	ng	98
72) Carbazole	11.67	167	1472846	41.41	ng	100
73) Di-n-butylphthalate	12.01	149	1894666	41.85	ng	99
74) Fluoranthene	12.65	202	1579051	38.09	ng	98
76) Benzidine	12.76	184	497561	19.10	ng	100
77) Pyrene	12.88	202	1625058	37.99	ng	99
79) Butylbenzylphthalate	13.51	149	781566	41.72	ng	91
80) Benzo(a)anthracene	14.07	228	1341924	36.57	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	212467	16.80	ng	# 95
82) Chrysene	14.10	228	1004542	30.21	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	943704	38.86	ng	# 97
84) Di-n-octyl phthalate	14.68	149	1440116	38.02	ng	100
85) Indeno(1,2,3-cd)pyrene	16.96	276	1041670	37.96	ng	99
87) Benzo(b)fluoranthene	15.11	252	978362	33.32	ng	100
88) Benzo(k)fluoranthene	15.11	252	978362	43.74	ng	# 98
89) Benzo(a)pyrene	15.46	252	928975	40.18	ng	99
90) Dibenzo(a,h)anthracene	16.98	278	878375	40.71	ng	# 97
91) Benzo(g,h,i)perylene	17.39	276	859686	41.12	ng	# 95

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

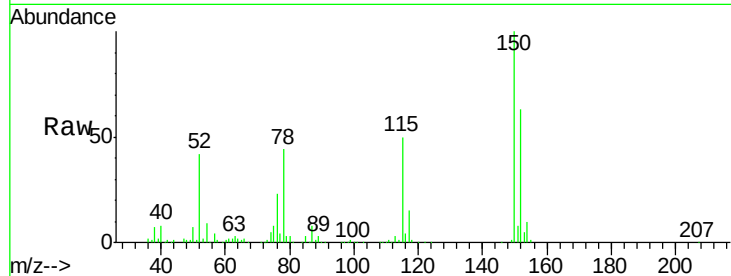


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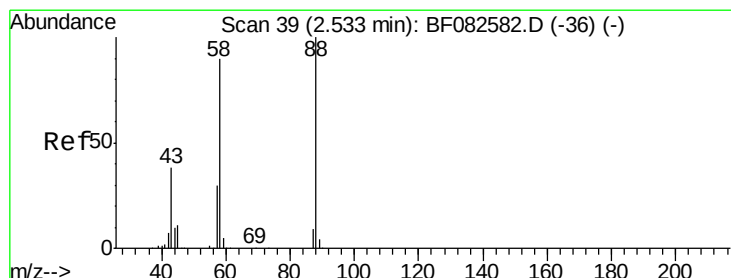
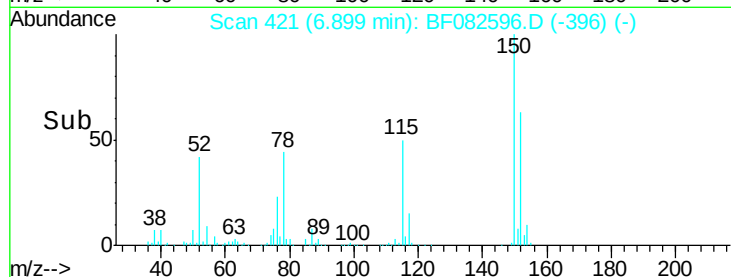
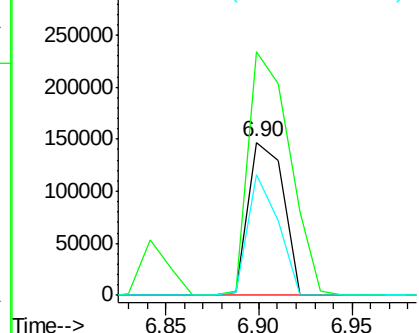
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion:152 Resp: 192332
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.4
115 79.0 47.0 70.6#



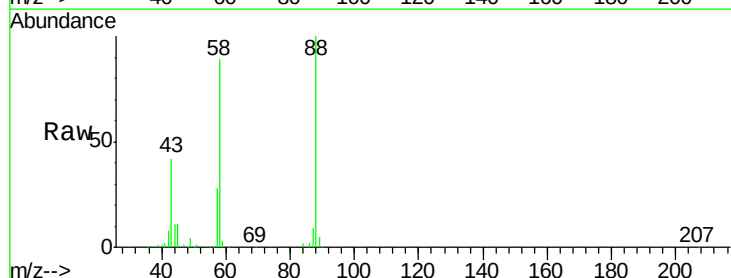
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



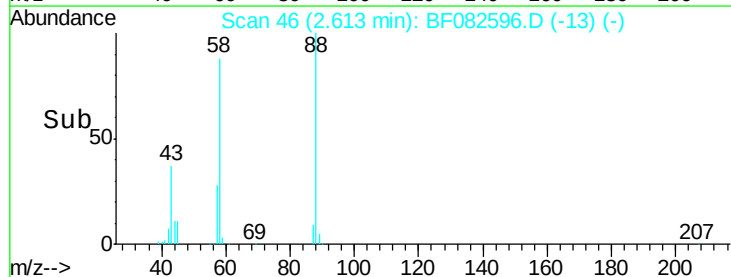
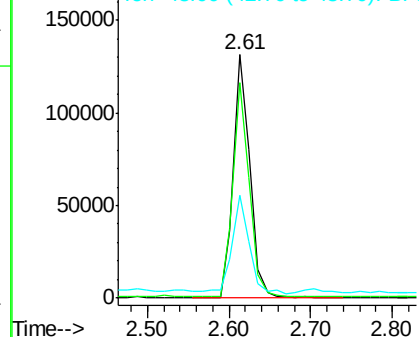
#2

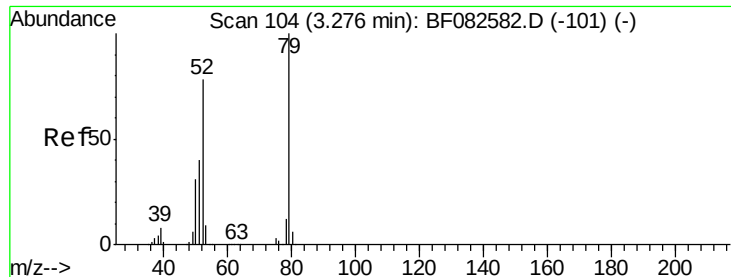
1,4-Dioxane
Concen: 31.62 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.08 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion: 88 Resp: 186636
Ion Ratio Lower Upper
88 100
58 85.9 62.0 93.0
43 40.5 26.6 40.0#



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: 29.47 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

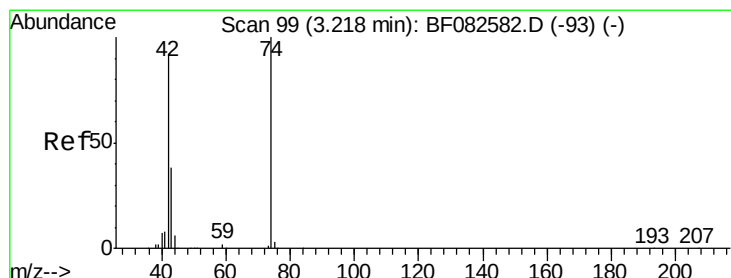
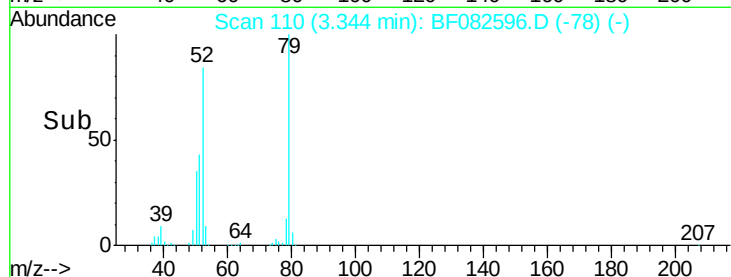
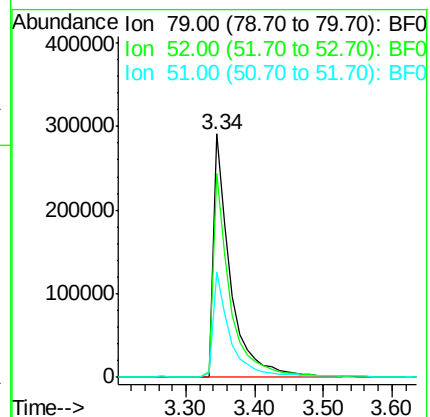
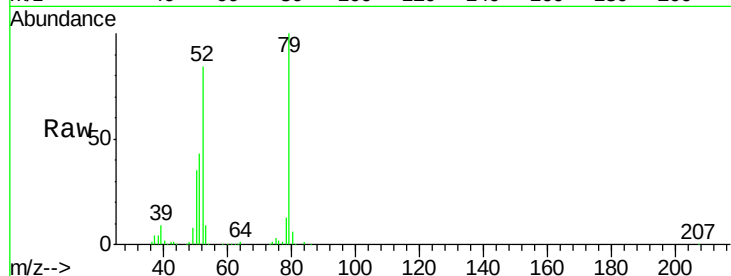
Tgt Ion: 79 Resp: 510151

Ion Ratio Lower Upper

79 100

52 83.6 62.8 94.2

51 43.1 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 33.72 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.07 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

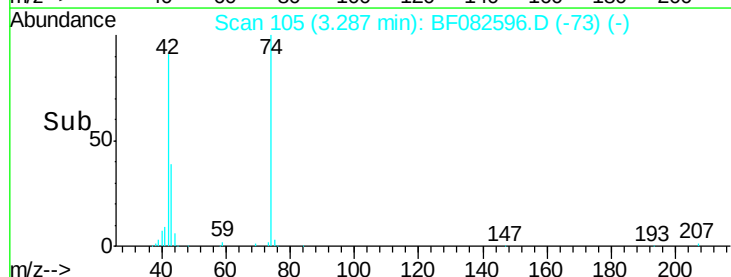
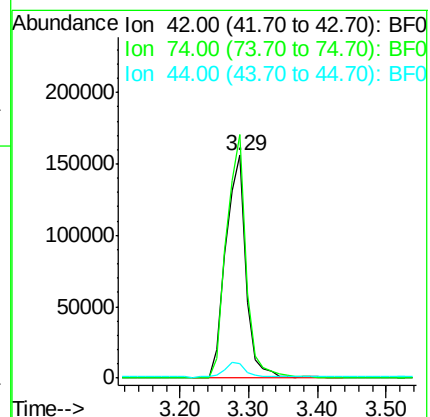
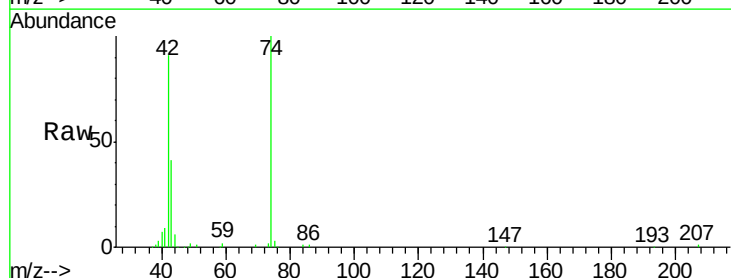
Tgt Ion: 42 Resp: 328571

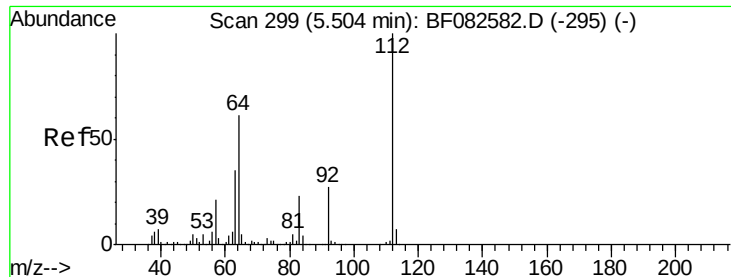
Ion Ratio Lower Upper

42 100

74 109.4 87.0 130.4

44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 84.20 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

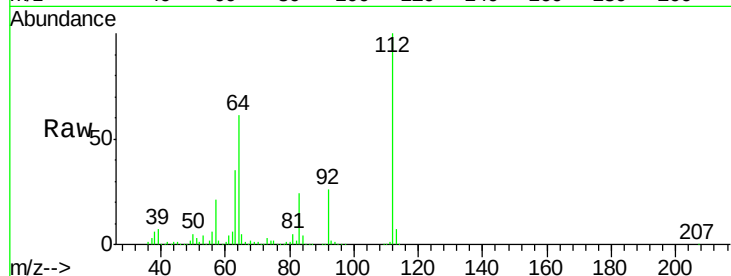
Tgt Ion: 112 Resp: 1075204

Ion Ratio Lower Upper

112 100

64 60.6 48.9 73.3

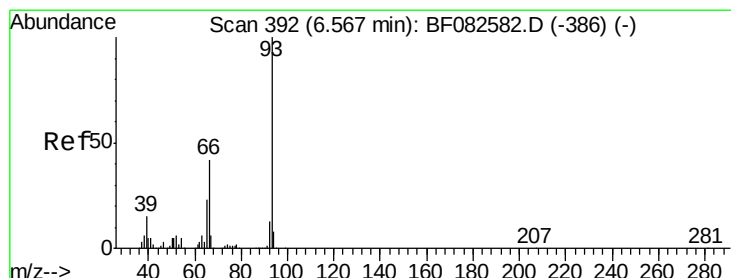
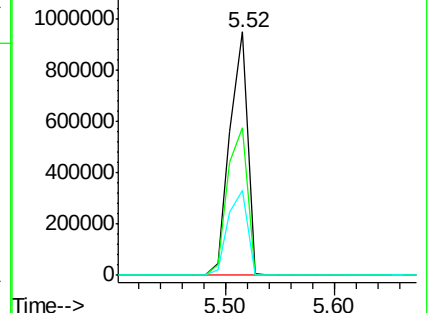
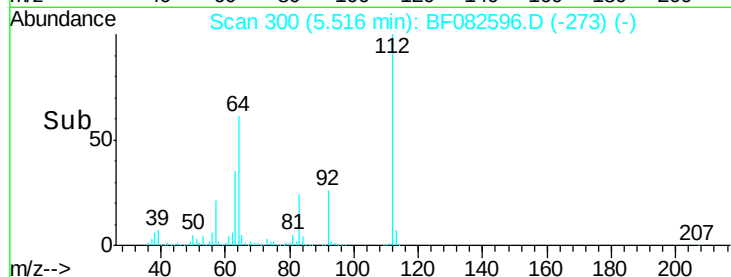
63 34.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.66 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

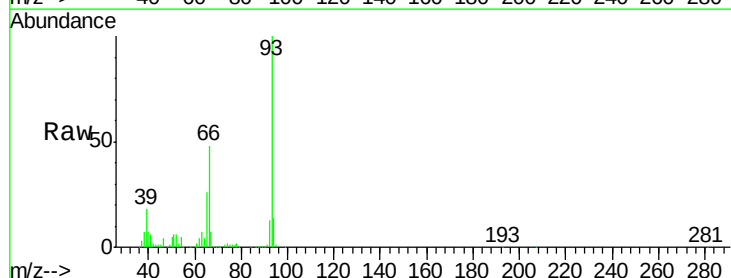
Tgt Ion: 93 Resp: 558793

Ion Ratio Lower Upper

93 100

66 48.3 33.6 50.4

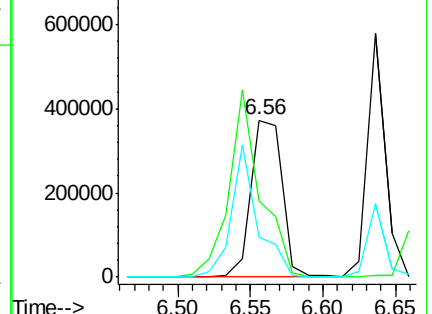
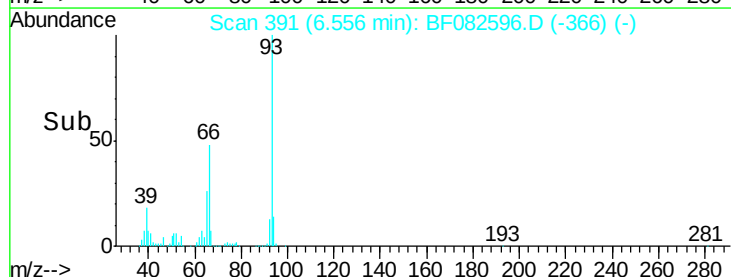
65 25.5 18.1 27.1

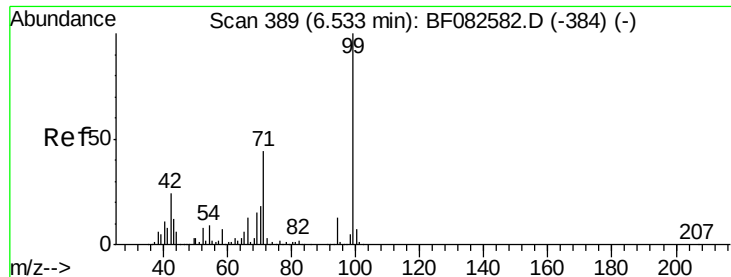


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.73 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

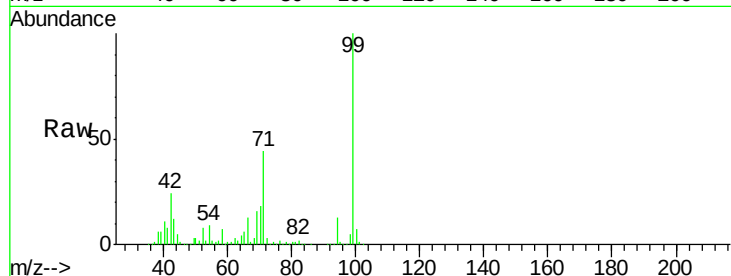
Tgt Ion: 99 Resp: 1335561

Ion Ratio Lower Upper

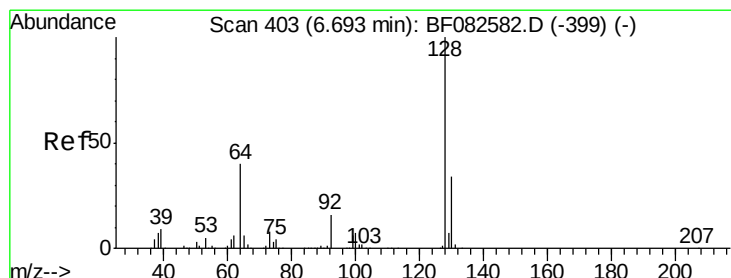
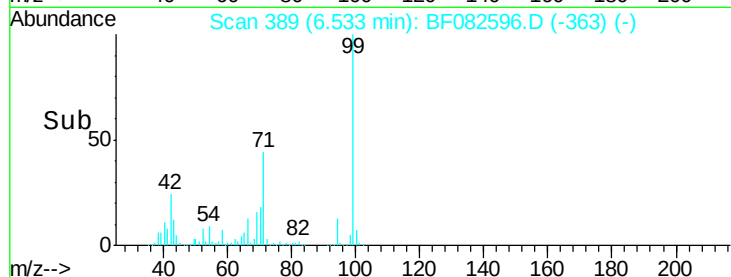
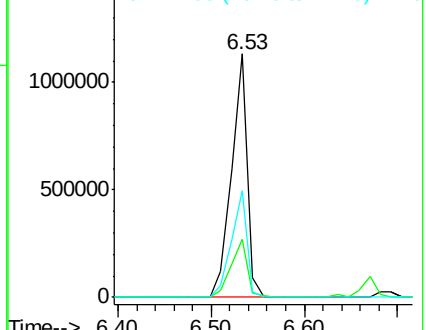
99 100

42 24.0 19.2 28.8

71 43.7 35.0 52.4



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



#8

2-Chlorophenol

Concen: 36.81 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

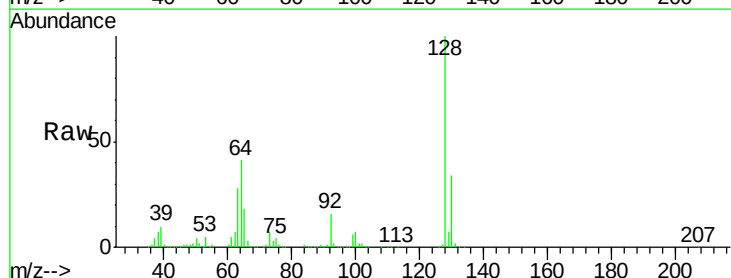
Tgt Ion: 128 Resp: 508620

Ion Ratio Lower Upper

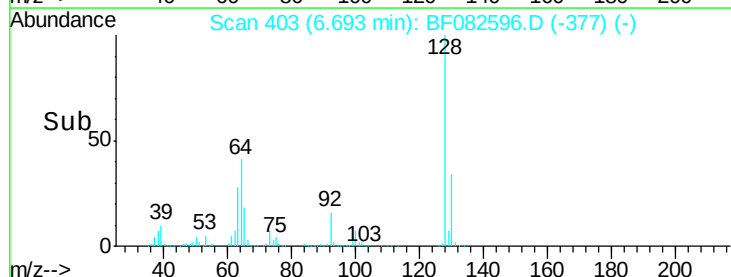
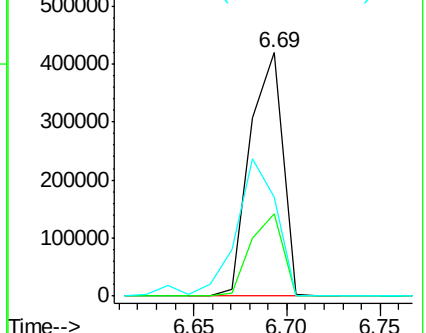
128 100

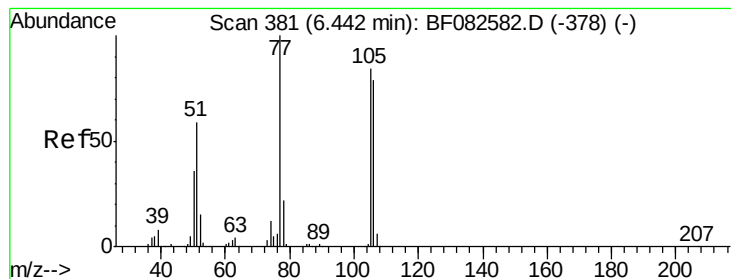
130 33.7 13.5 53.5

64 40.9 21.1 61.1



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: 19.62 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

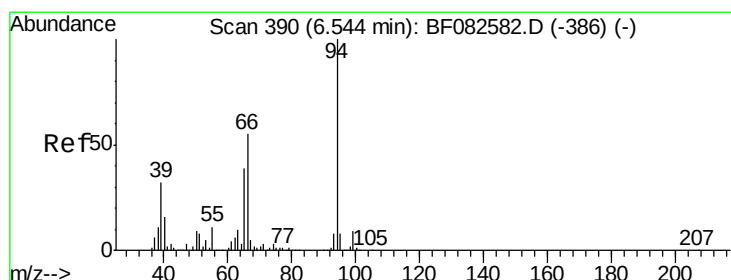
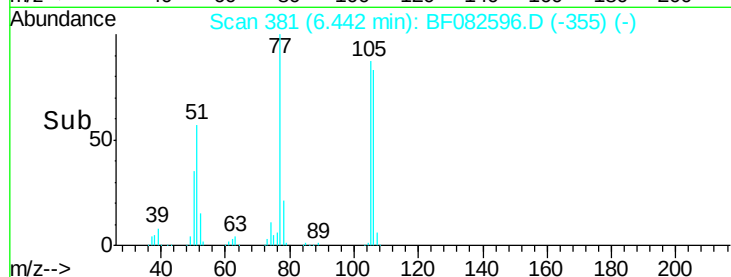
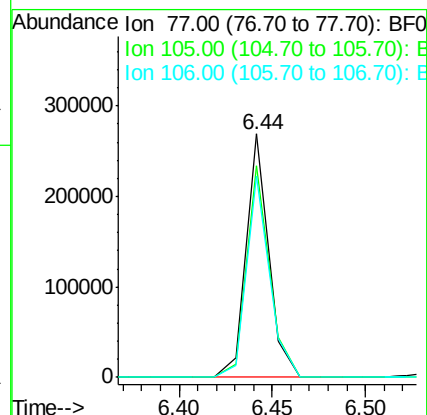
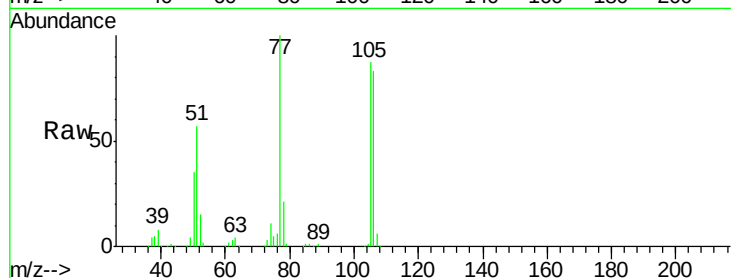
Tgt Ion: 77 Resp: 227174

Ion Ratio Lower Upper

77 100

105 86.9 63.5 103.5

106 82.9 59.3 99.3



#10

Phenol

Concen: 38.01 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

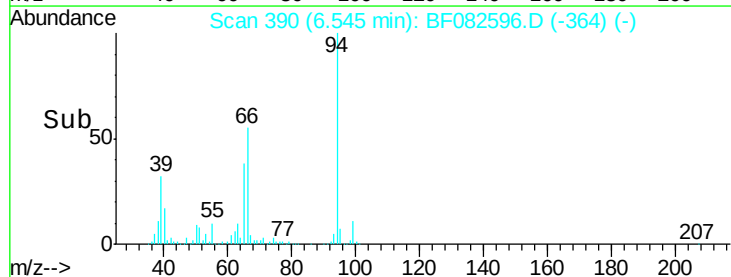
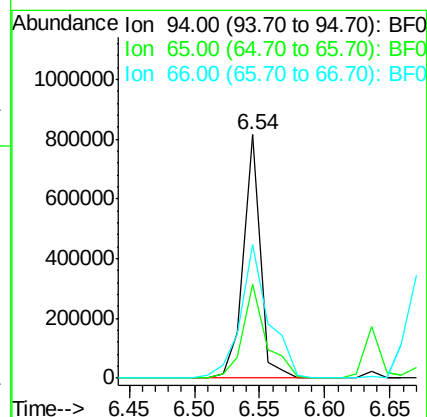
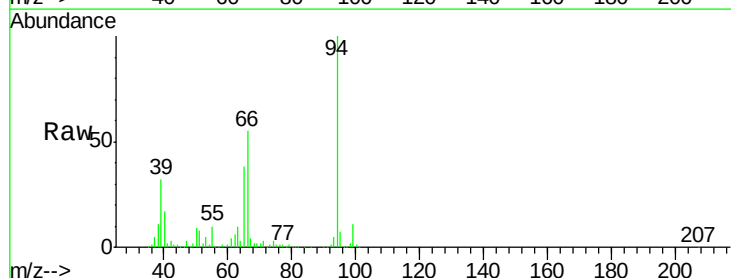
Tgt Ion: 94 Resp: 730614

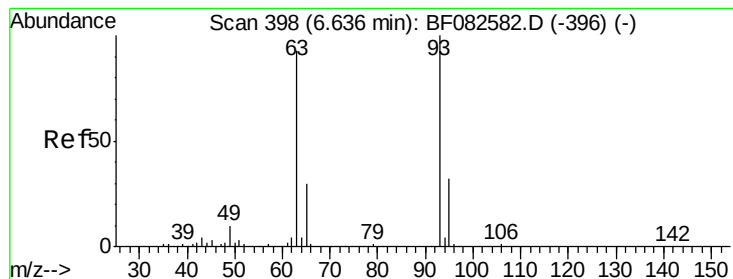
Ion Ratio Lower Upper

94 100

65 38.5 18.9 58.9

66 54.7 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 34.64 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

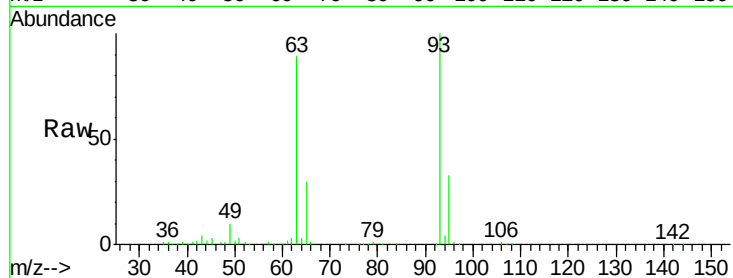
Tgt Ion: 93 Resp: 491244

Ion Ratio Lower Upper

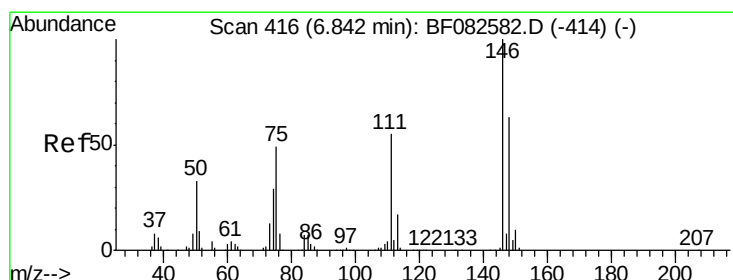
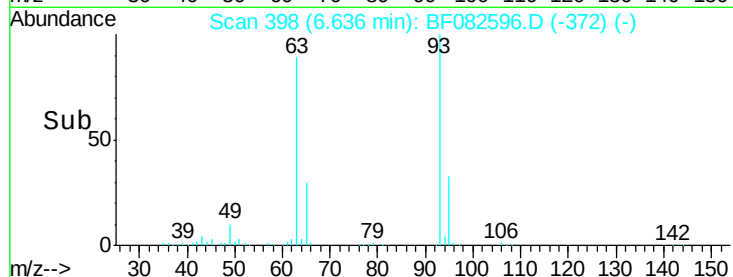
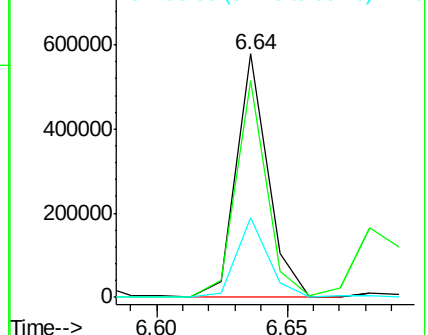
93 100

63 89.3 72.7 112.7

95 32.9 12.0 52.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.47 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

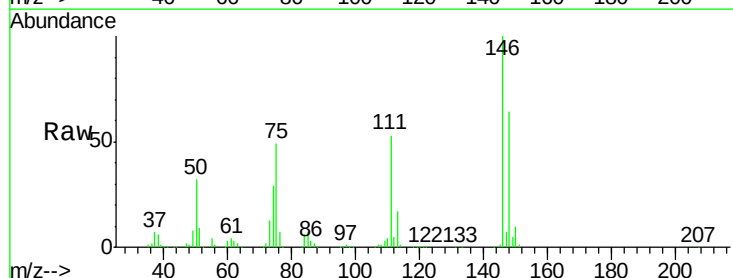
Tgt Ion: 146 Resp: 527420

Ion Ratio Lower Upper

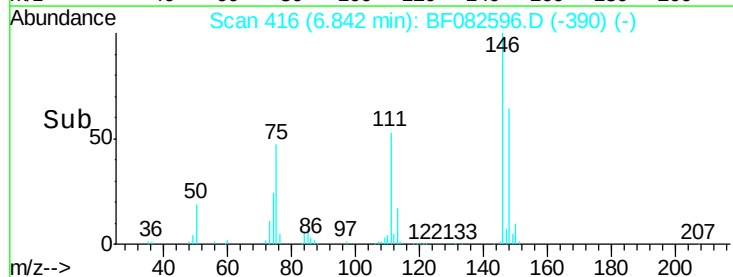
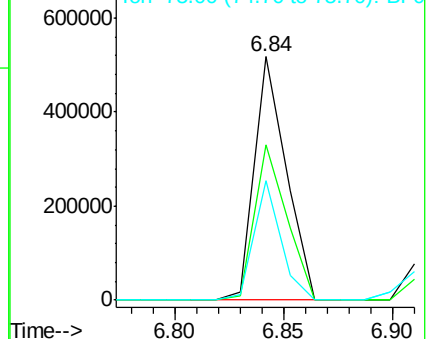
146 100

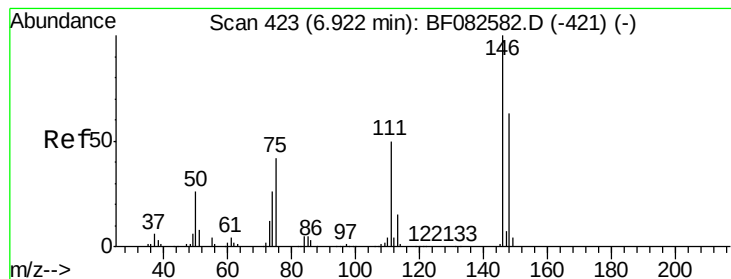
148 63.8 50.5 75.7

75 48.9 39.5 59.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.14 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampled :

PB86326BS

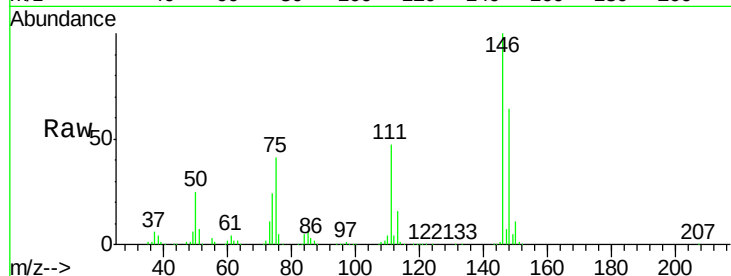
Tgt Ion:146 Resp: 595890

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

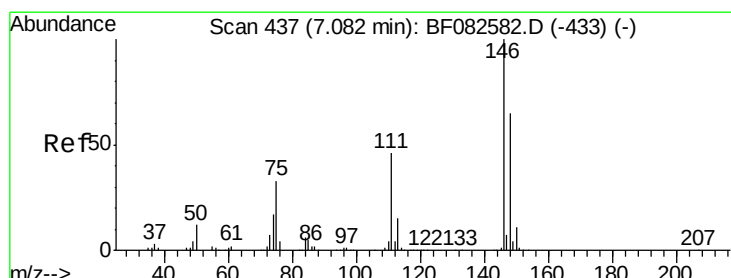
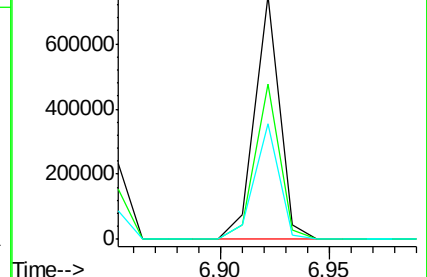
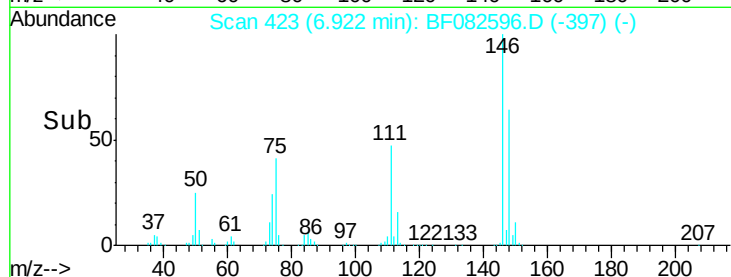
111 47.3 40.6 60.8



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: 36.78 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

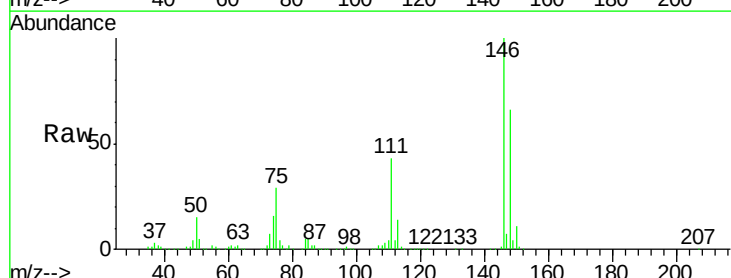
Tgt Ion:146 Resp: 533508

Ion Ratio Lower Upper

146 100

148 65.9 52.2 78.4

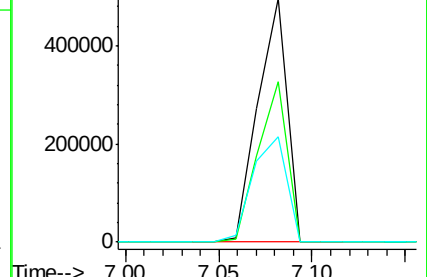
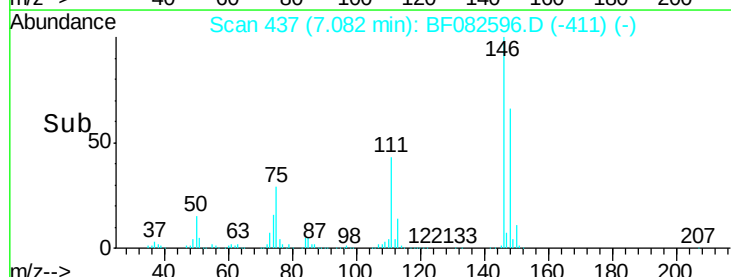
111 43.4 36.6 55.0

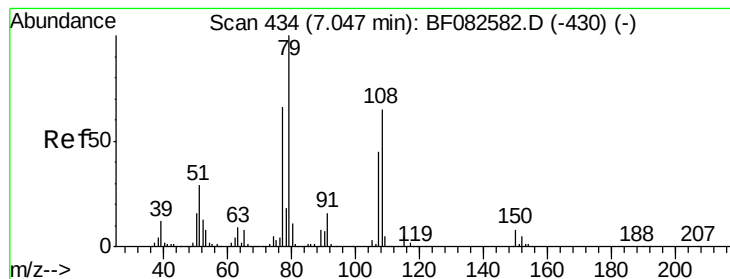


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.96 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

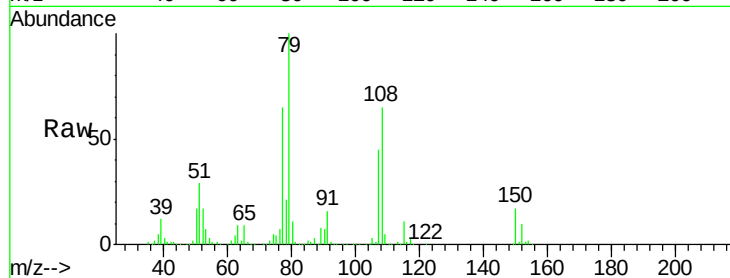
Tgt Ion: 79 Resp: 632120

Ion Ratio Lower Upper

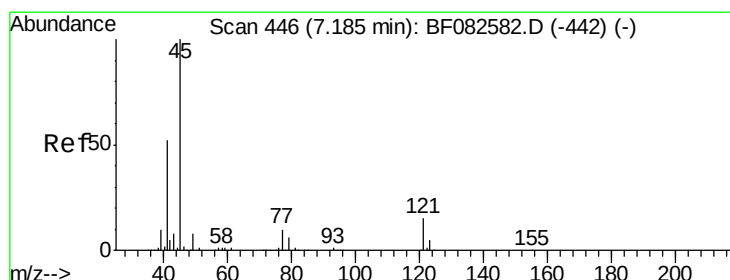
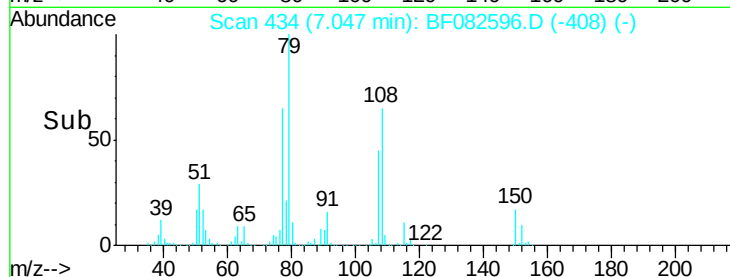
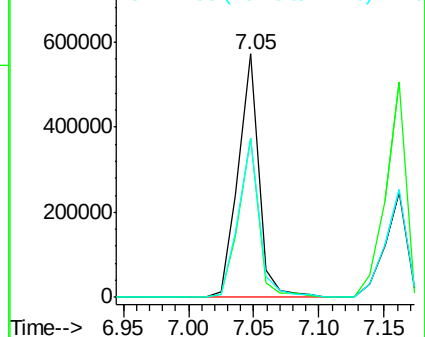
79 100

108 65.2 52.2 78.4

77 65.4 52.7 79.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.23 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

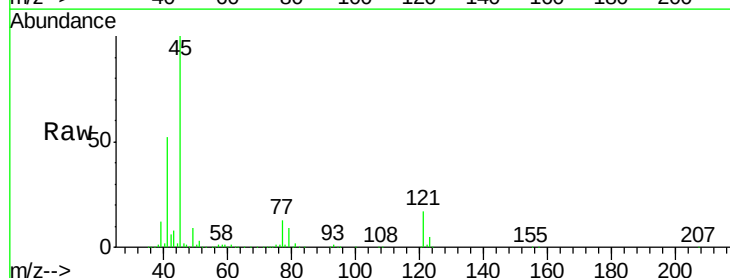
Tgt Ion: 45 Resp: 861669

Ion Ratio Lower Upper

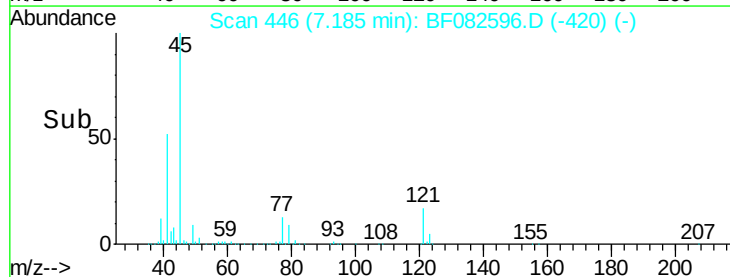
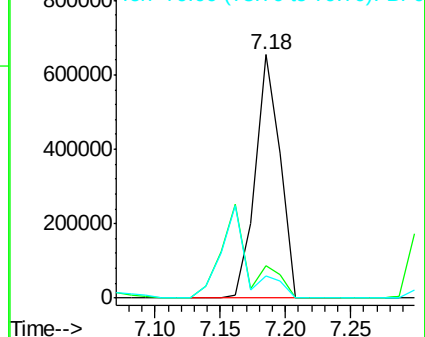
45 100

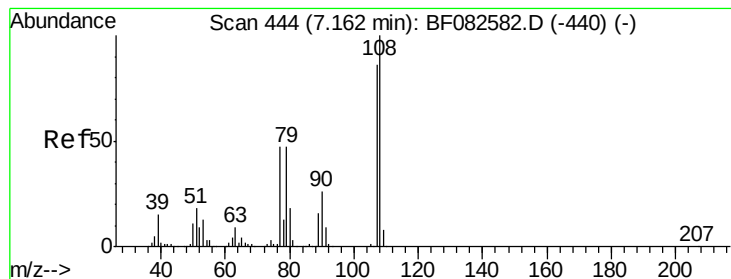
77 13.4 0.0 32.6

79 9.3 0.0 29.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.56 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt Ion:107 Resp: 476443

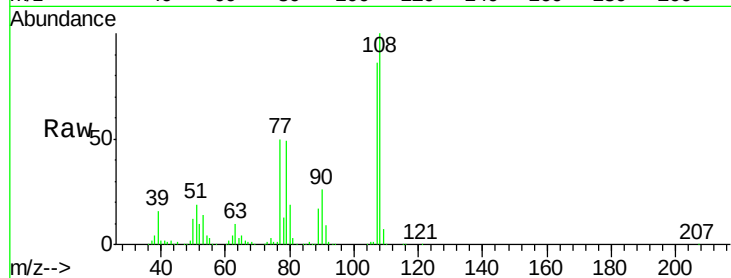
Ion Ratio Lower Upper

107 100

108 115.7 93.0 139.4

77 58.0 44.1 66.1

79 57.0 43.6 65.4



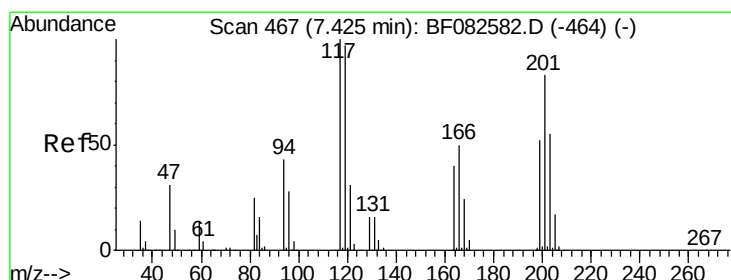
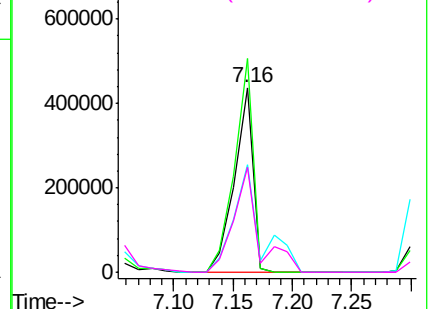
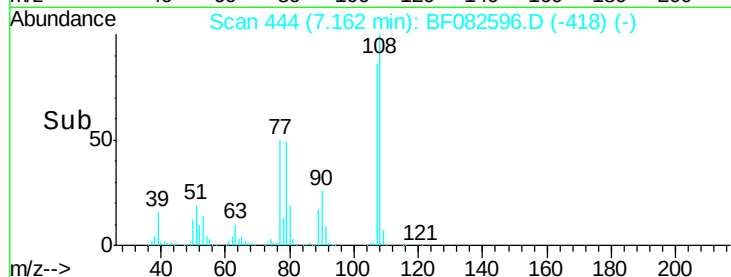
Abundance

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: 37.07 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

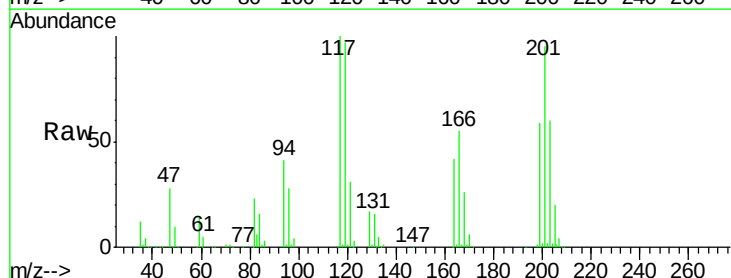
Tgt Ion:117 Resp: 226053

Ion Ratio Lower Upper

117 100

119 96.9 77.7 116.5

201 95.0 66.7 100.1

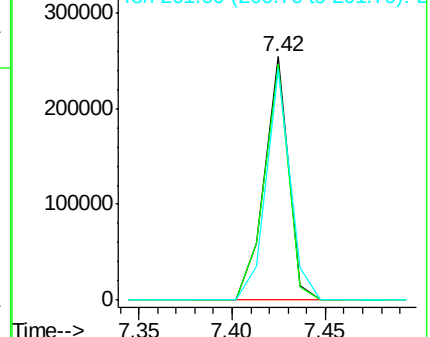
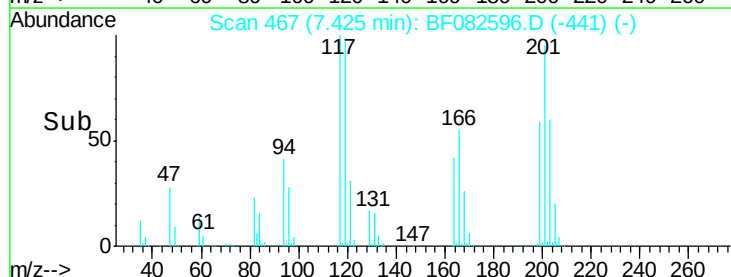


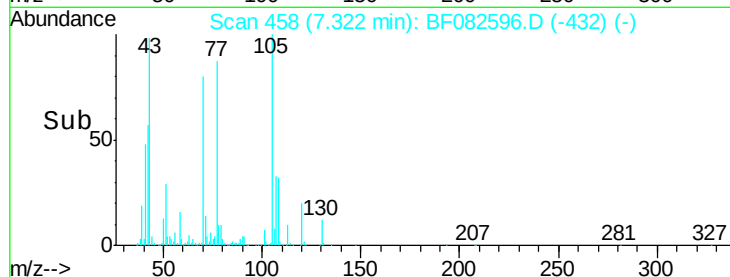
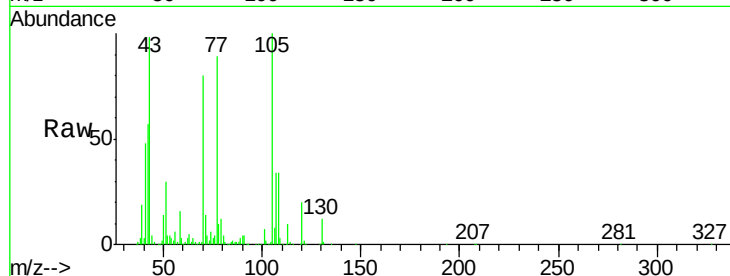
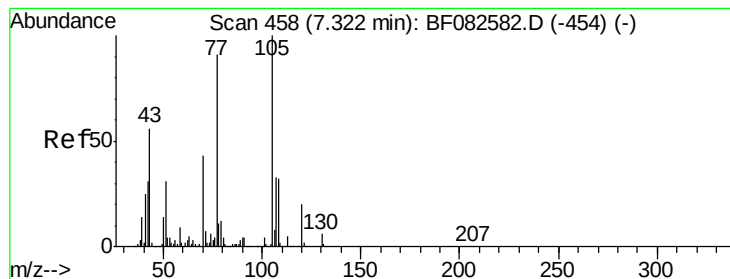
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.23 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt Ion: 70 Resp: 427312

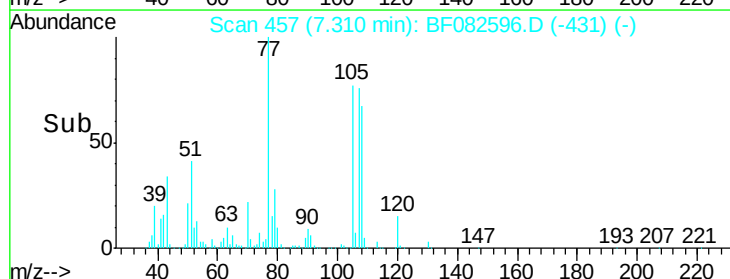
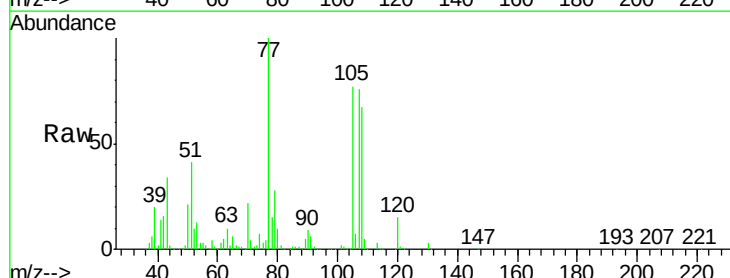
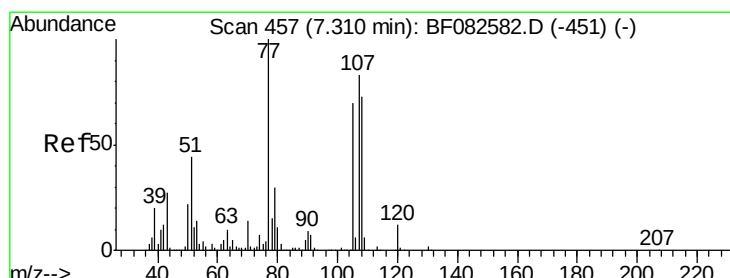
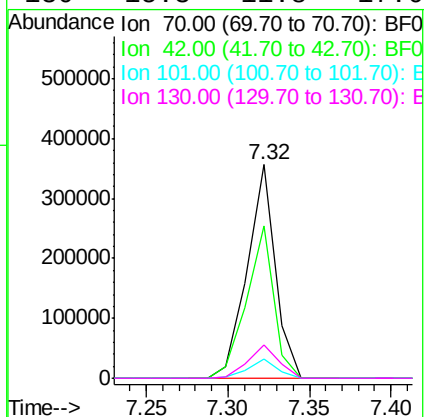
Ion Ratio Lower Upper

70 100

42 71.1 57.7 86.5

101 8.9 7.0 10.6

130 15.3 11.8 17.6



#20

3+4-Methylphenols

Concen: 35.05 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion: 107 Resp: 535114

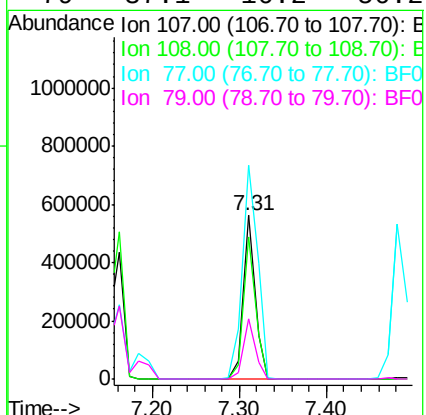
Ion Ratio Lower Upper

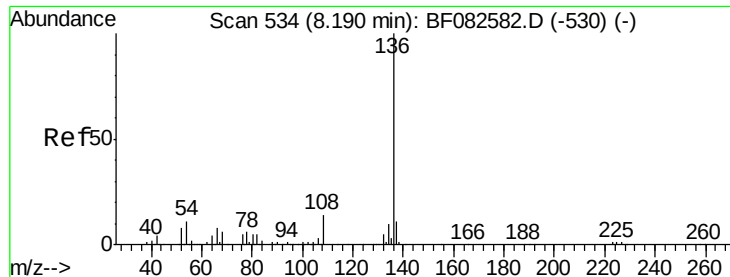
107 100

108 87.2 67.3 107.3

77 130.8 100.3 140.3

79 37.1 16.2 56.2

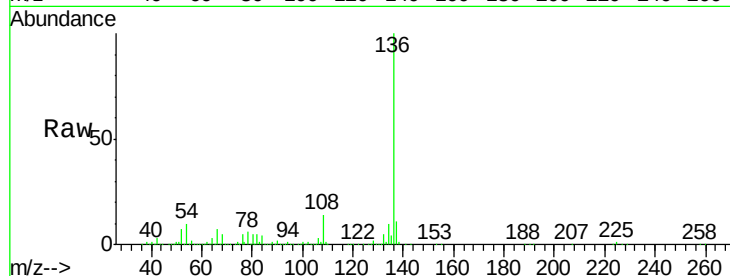




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion:	136	Resp:	734536
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.5	9.1	13.7
68	5.4	4.8	7.2



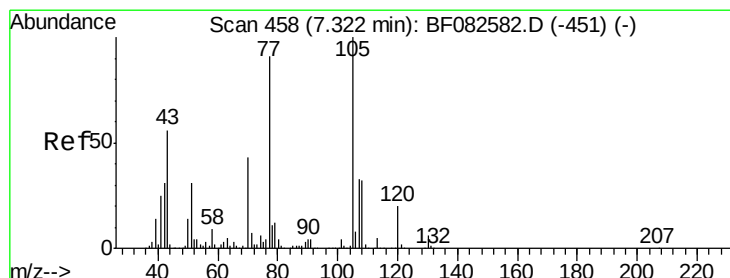
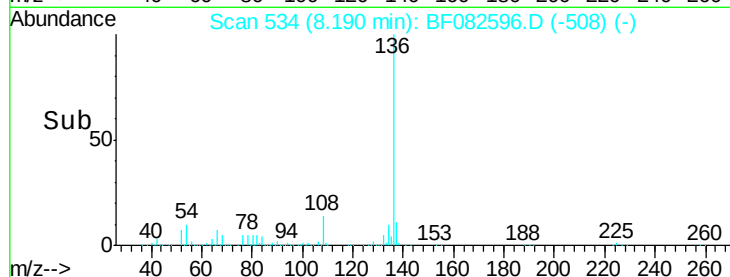
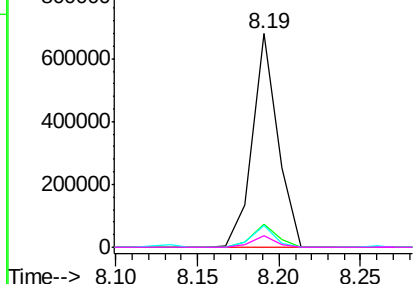
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

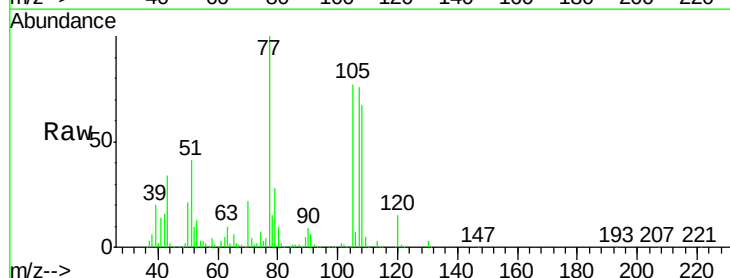
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.08 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion:	105	Resp:	801891
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.6	8.4#
51	52.9	24.9	37.3#
120	19.3	15.8	23.8



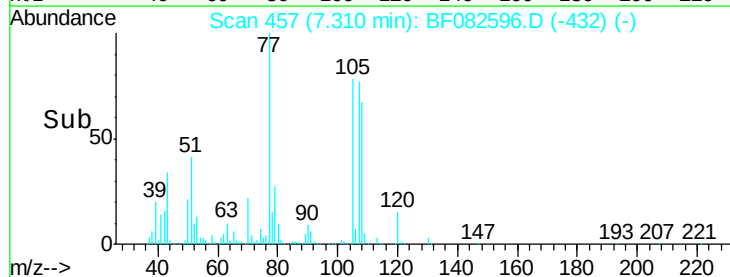
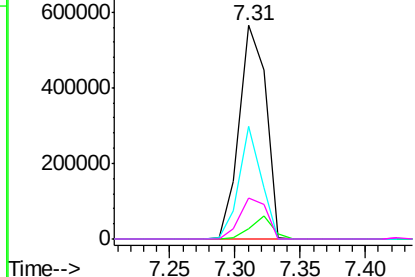
Abundance

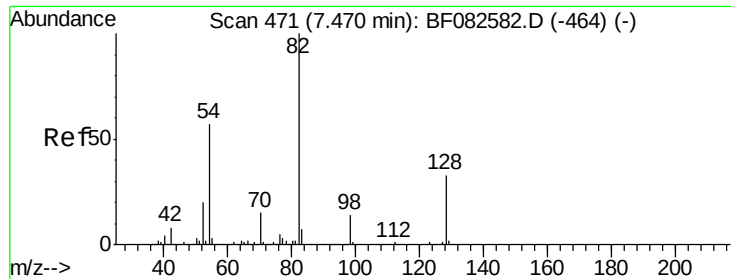
Ion 105.00 (104.70 to 105.70): E

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

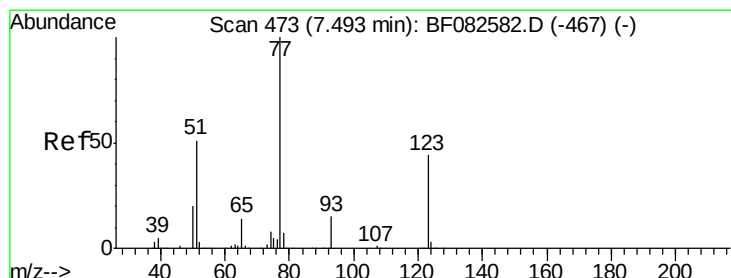
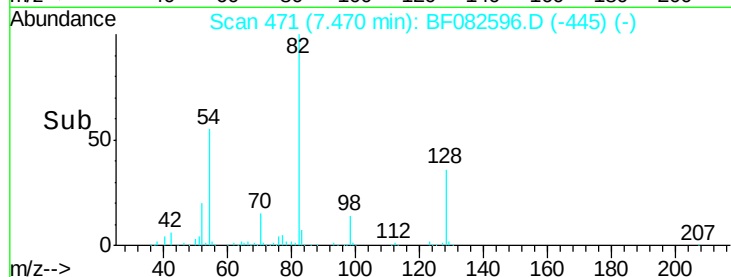
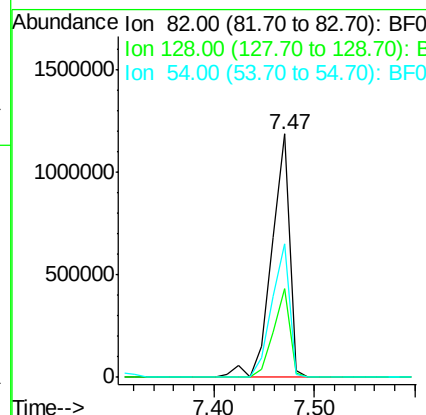
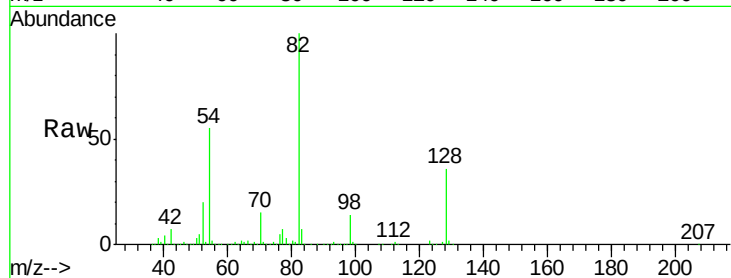




#23
 Nitrobenzene-d5
 Concen: 81.42 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

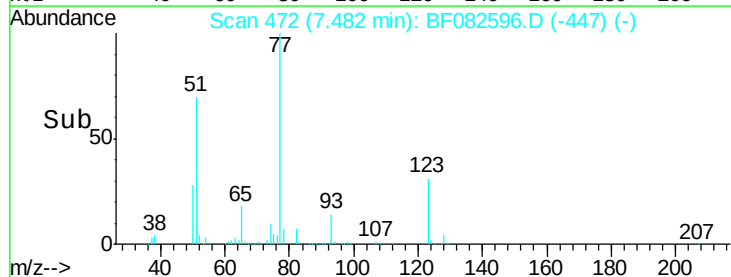
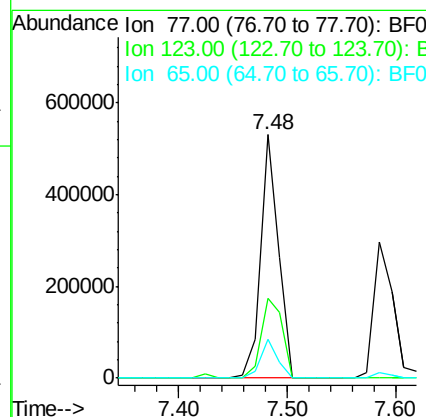
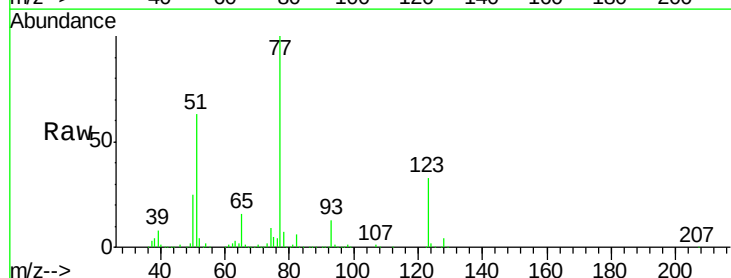
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

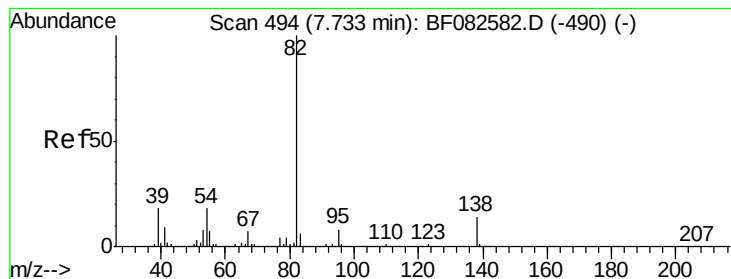
Tgt Ion: 82 Resp: 1464582
 Ion Ratio Lower Upper
 82 100
 128 36.3 26.8 40.2
 54 54.7 45.7 68.5



#24
 Nitrobenzene
 Concen: 33.48 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion: 77 Resp: 608712
 Ion Ratio Lower Upper
 77 100
 123 32.9 36.4 54.6#
 65 15.9 11.5 17.3





#25

Isophorone

Concen: 36.76 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

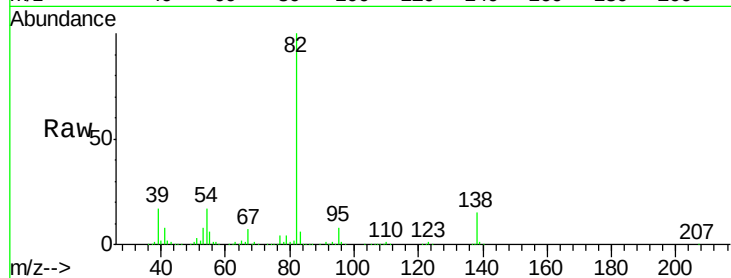
Tgt Ion: 82 Resp: 1216409

Ion Ratio Lower Upper

82 100

95 8.5 6.6 9.8

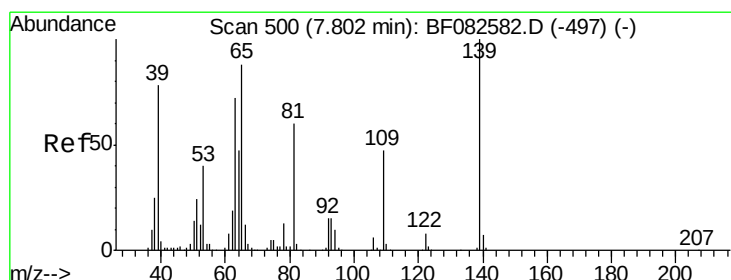
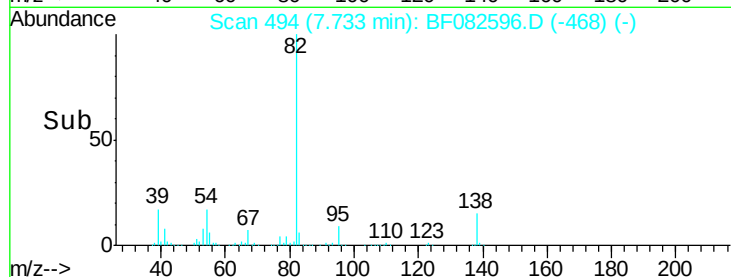
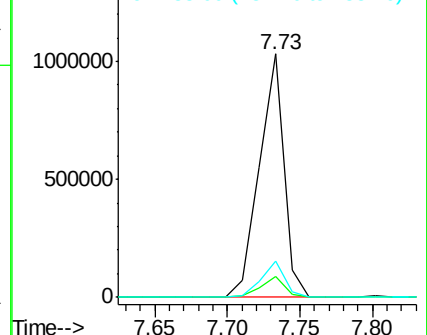
138 15.1 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.76 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

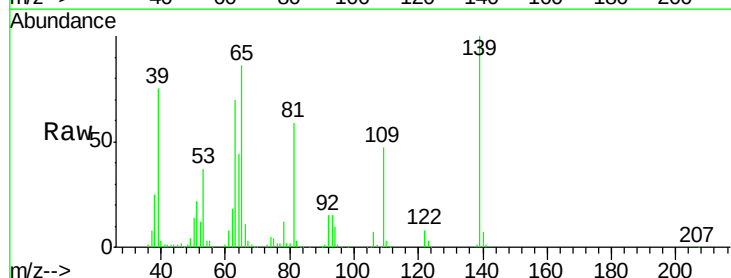
Tgt Ion: 139 Resp: 237543

Ion Ratio Lower Upper

139 100

109 46.6 37.6 56.4

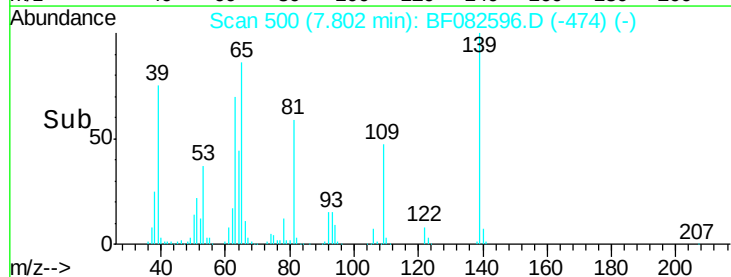
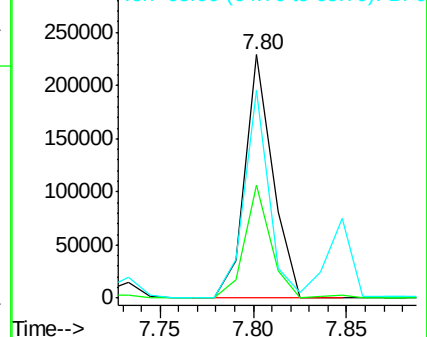
65 85.5 70.6 105.8

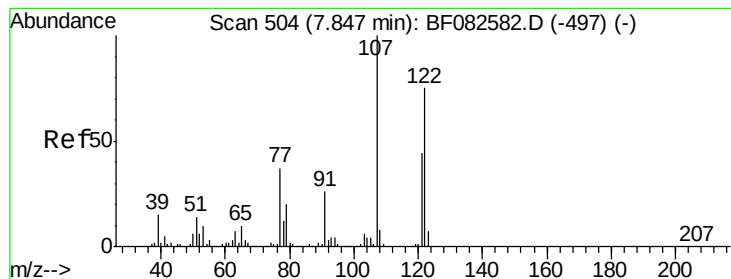


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.54 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

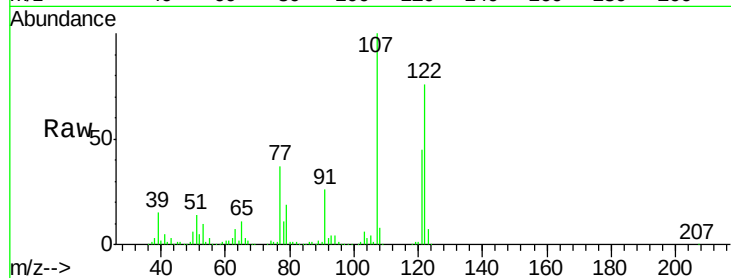
Tgt Ion:122 Resp: 512643

Ion Ratio Lower Upper

122 100

107 132.3 106.0 159.0

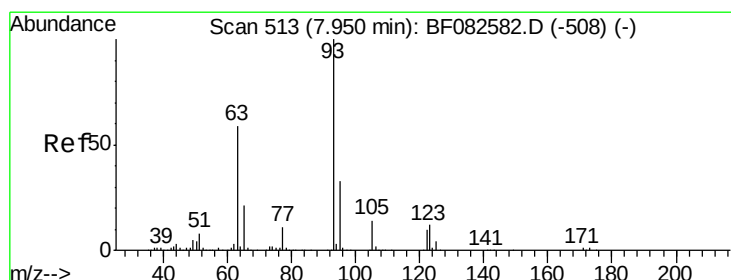
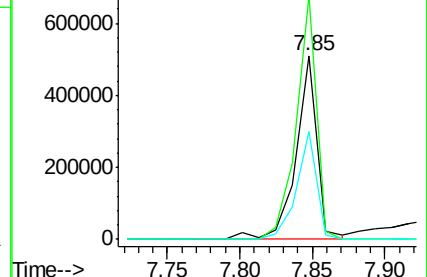
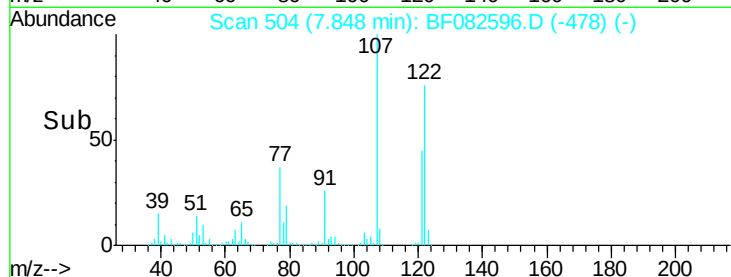
121 58.9 46.7 70.1



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: 35.47 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

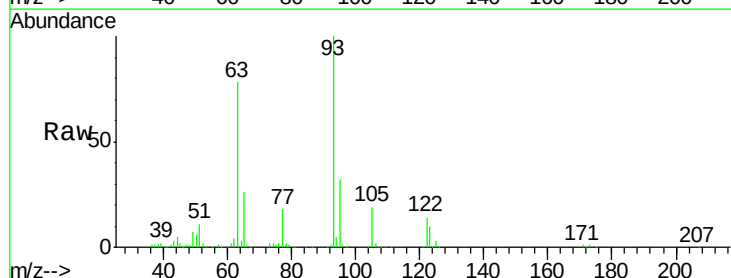
Tgt Ion: 93 Resp: 642079

Ion Ratio Lower Upper

93 100

95 32.3 26.6 40.0

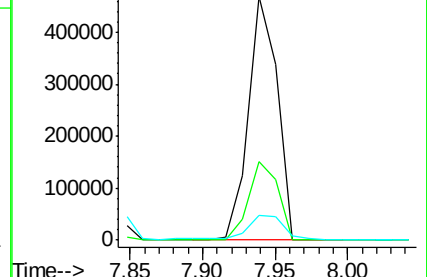
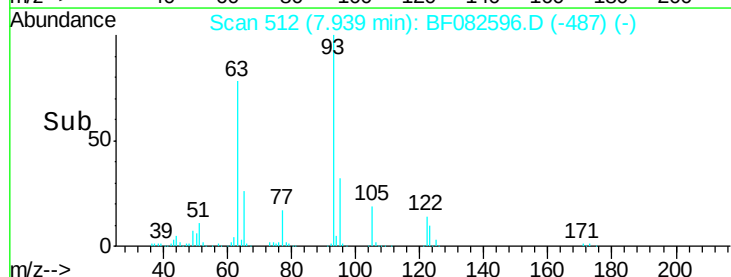
123 10.0 9.7 14.5

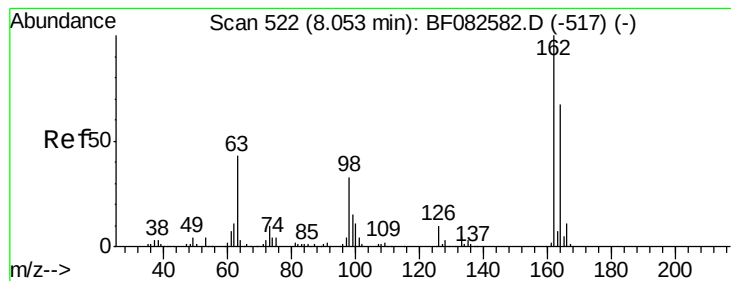


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.57 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

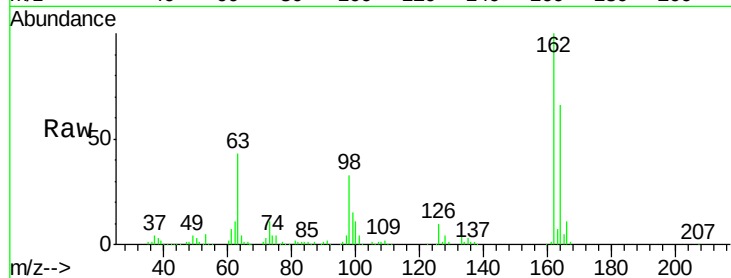
Tgt Ion:162 Resp: 467640

Ion Ratio Lower Upper

162 100

164 65.9 46.8 86.8

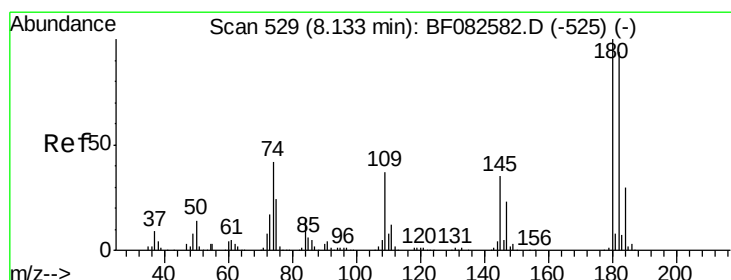
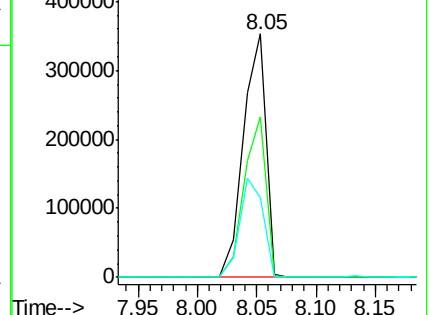
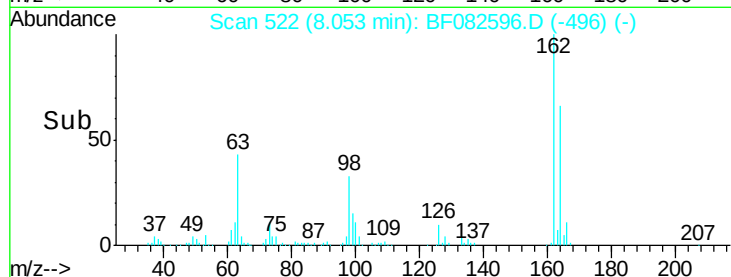
98 32.6 12.5 52.5



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: 34.89 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

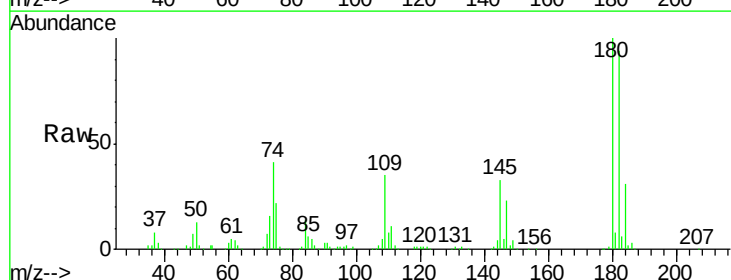
Tgt Ion:180 Resp: 457533

Ion Ratio Lower Upper

180 100

182 94.4 74.9 112.3

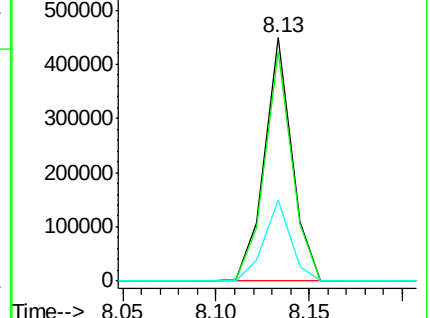
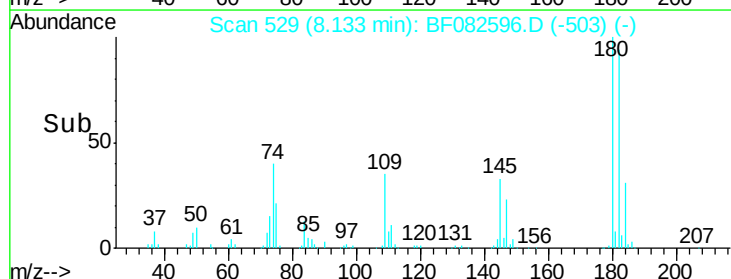
145 33.4 27.8 41.8

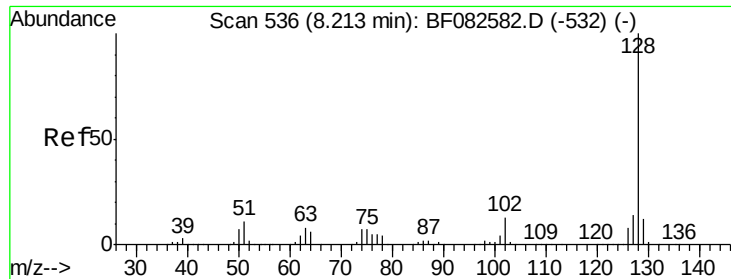


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

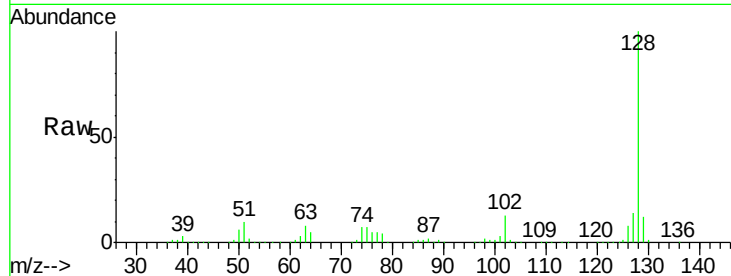




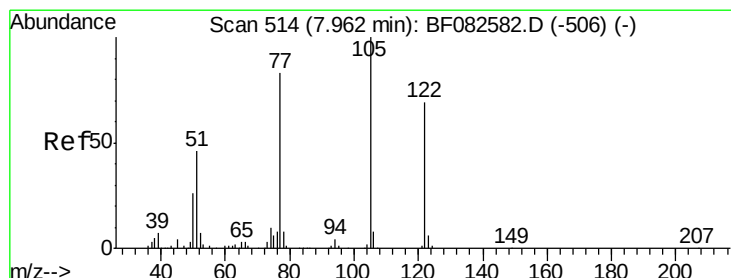
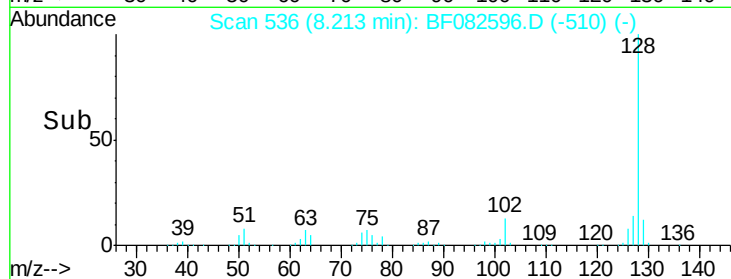
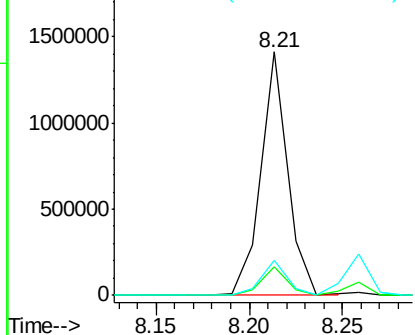
#31
Naphthalene
Concen: 35.09 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion:128 Resp: 1394709
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.1 11.4 17.0

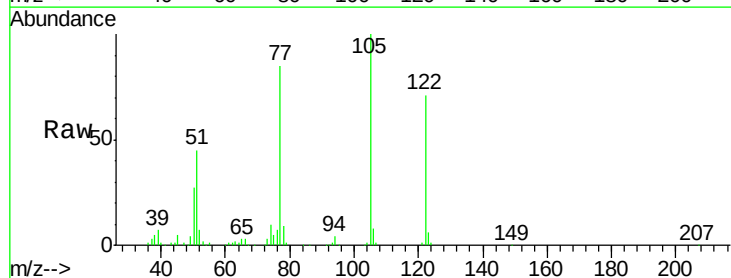


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

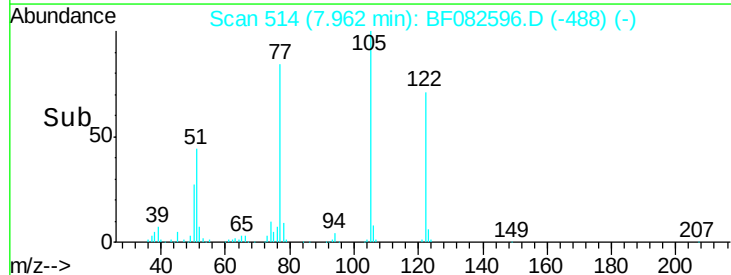
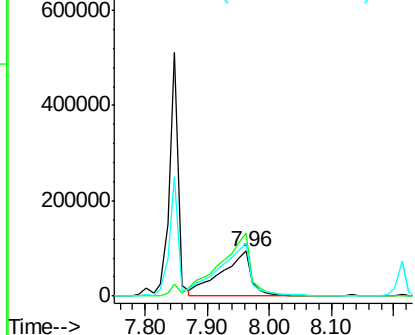


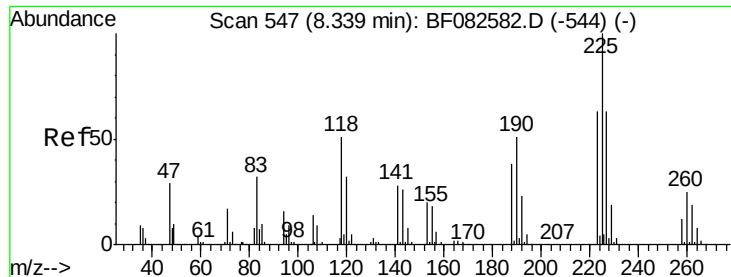
#32
Benzoic acid
Concen: 34.57 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion:122 Resp: 325122
Ion Ratio Lower Upper
122 100
105 140.5 122.6 162.6
77 119.1 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

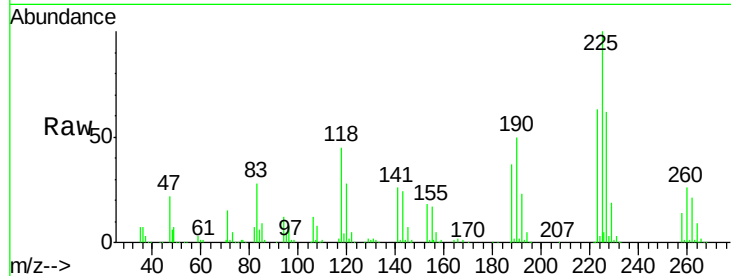




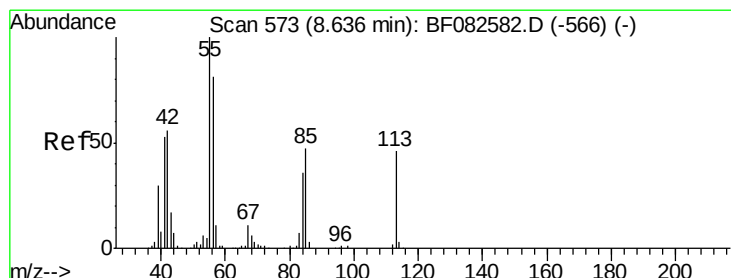
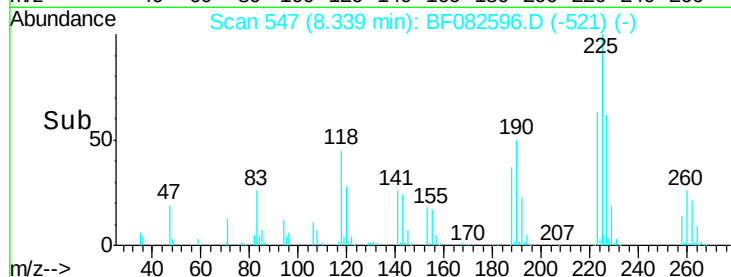
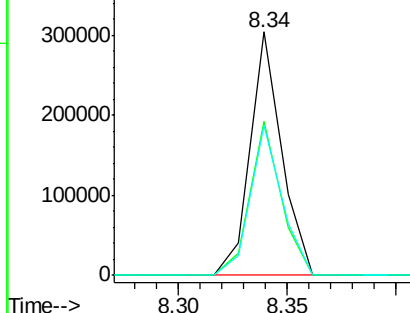
#34
Hexachlorobutadiene
Concen: 36.69 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion: 225 Resp: 305991
Ion Ratio Lower Upper
225 100
223 63.1 50.5 75.7
227 61.9 50.2 75.2

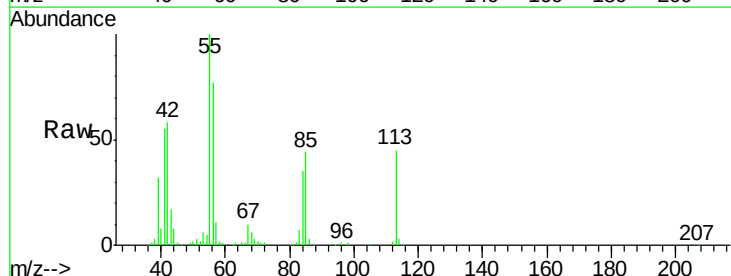


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

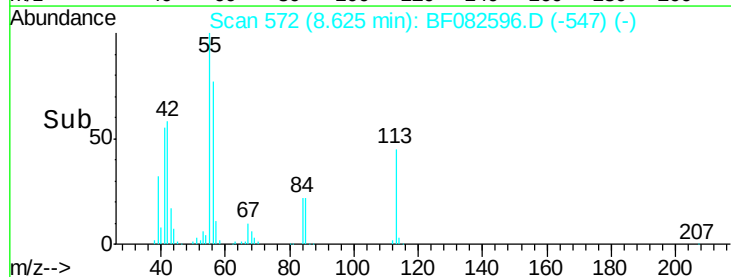
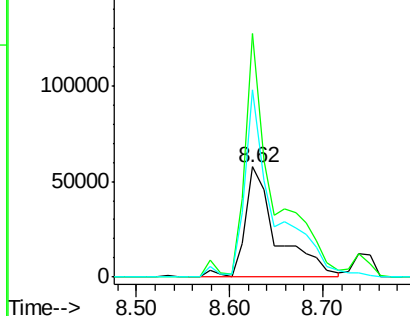


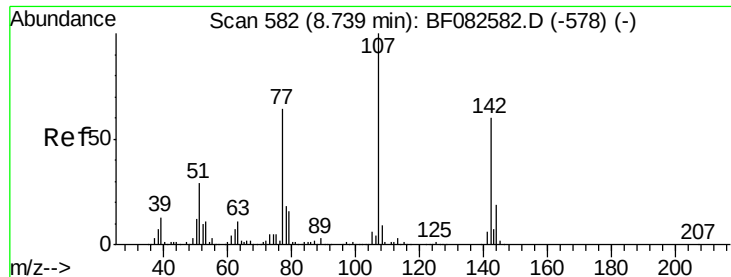
#35
Caprolactam
Concen: 38.64 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion: 113 Resp: 140101
Ion Ratio Lower Upper
113 100
55 220.9 195.5 235.5
56 169.7 153.5 193.5



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

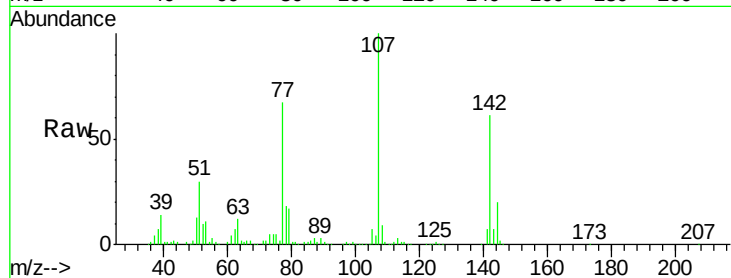




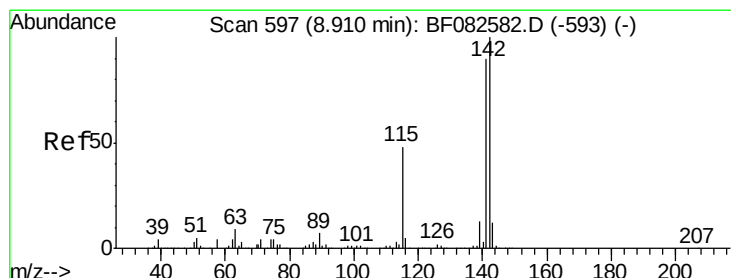
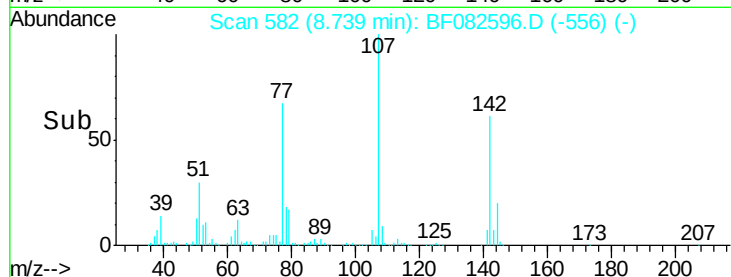
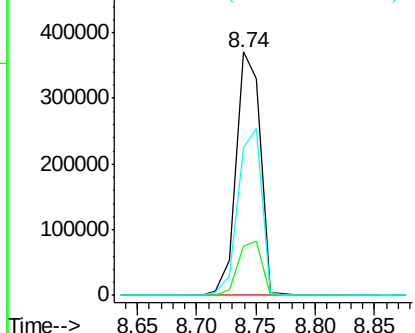
#36
 4-Chloro-3-methylphenol
 Concen: 38.00 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion:107 Resp: 528812
 Ion Ratio Lower Upper
 107 100
 144 20.1 15.4 23.0
 142 60.7 47.8 71.8

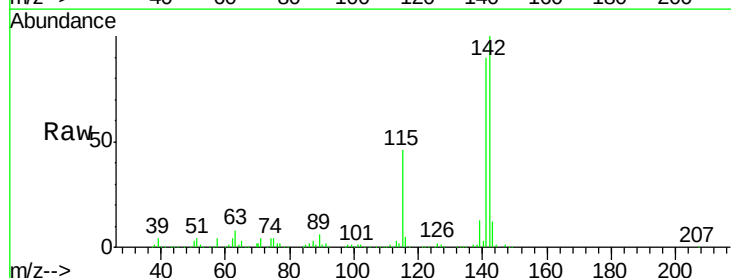


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

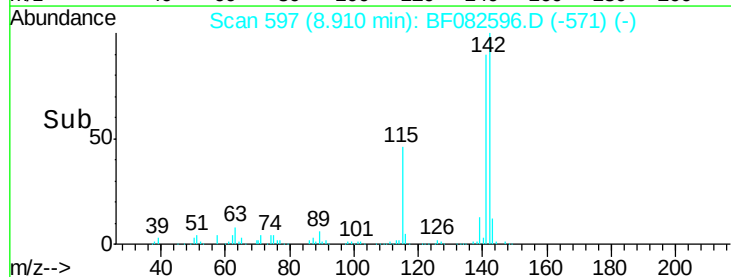
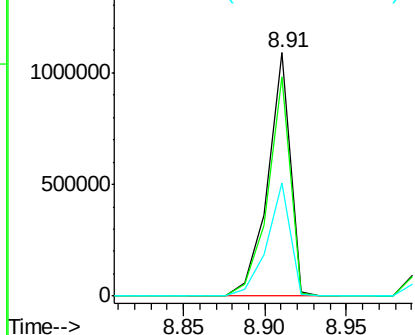


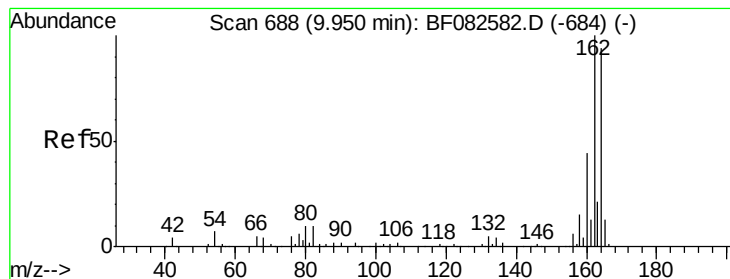
#37
 2-Methylnaphthalene
 Concen: 40.71 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion:142 Resp: 1048716
 Ion Ratio Lower Upper
 142 100
 141 90.1 72.3 108.5
 115 46.3 38.1 57.1



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

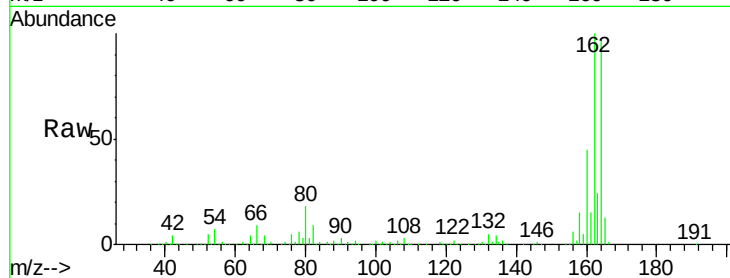
Tgt Ion:164 Resp: 394377

Ion Ratio Lower Upper

164 100

162 103.1 84.9 127.3

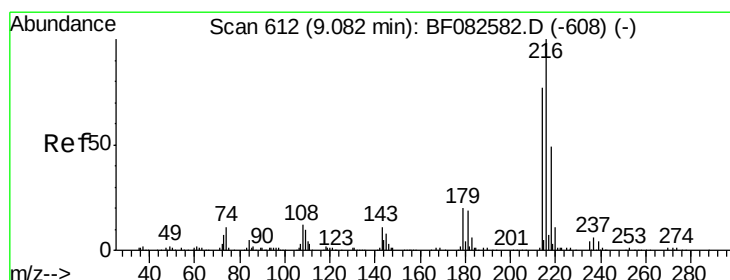
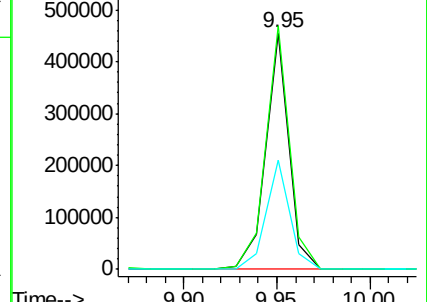
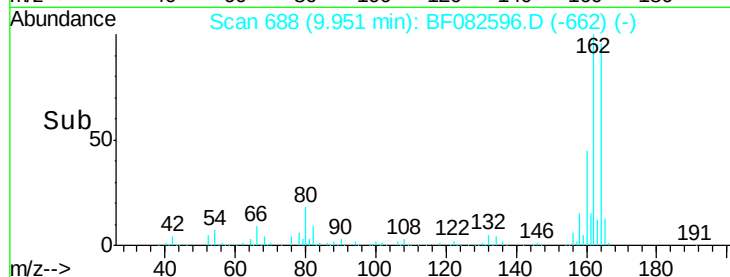
160 46.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.91 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:216 Resp: 485762

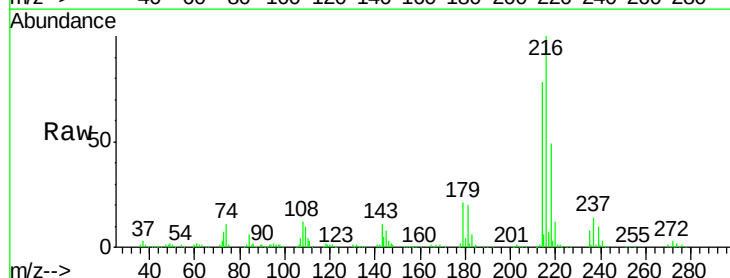
Ion Ratio Lower Upper

216 100

214 79.5 62.2 93.2

179 22.8 18.1 27.1

108 24.3 16.6 25.0

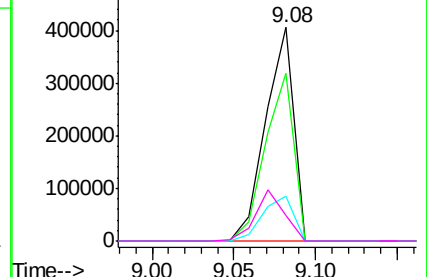
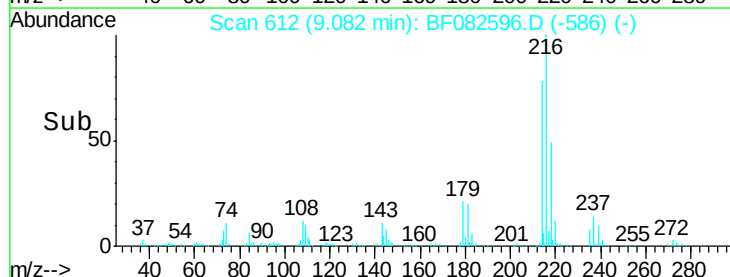


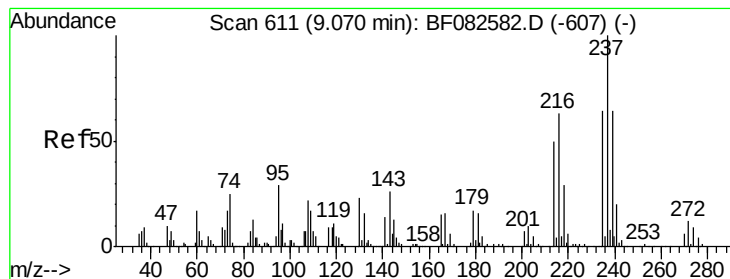
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.48 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

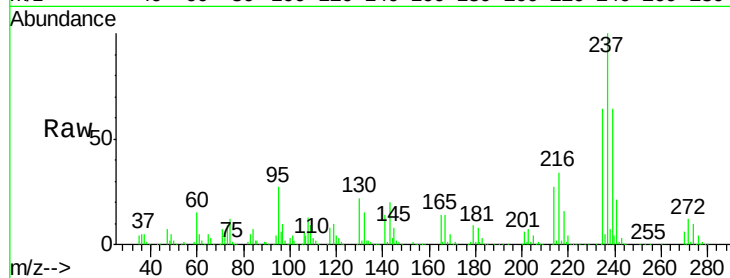
Tgt Ion:237 Resp: 682384

Ion Ratio Lower Upper

237 100

235 63.8 44.3 84.3

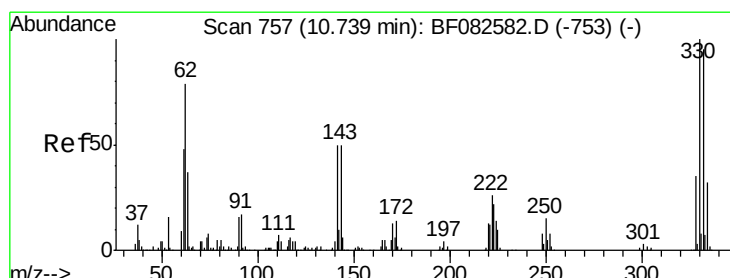
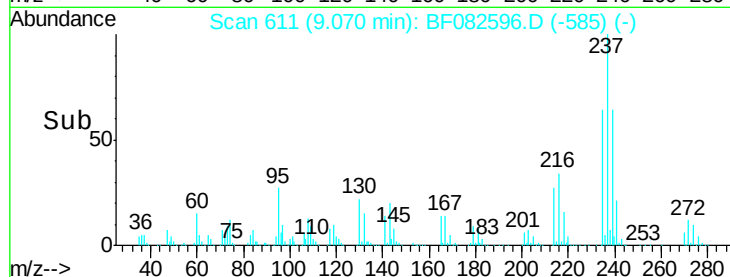
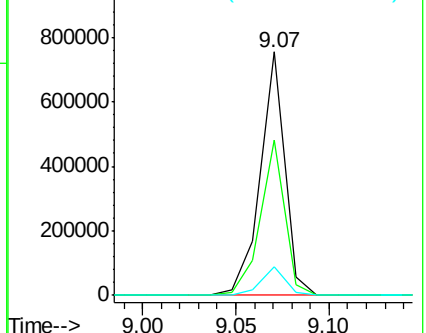
272 11.7 0.0 31.9



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: 77.92 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

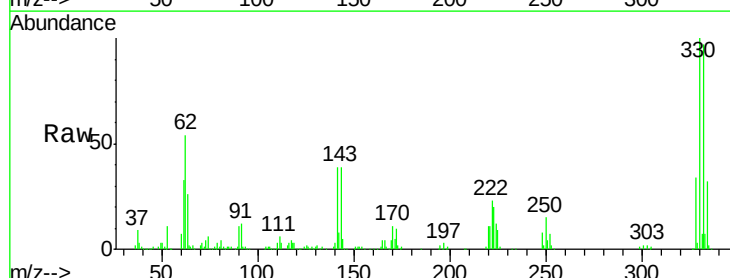
Tgt Ion:330 Resp: 336294

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

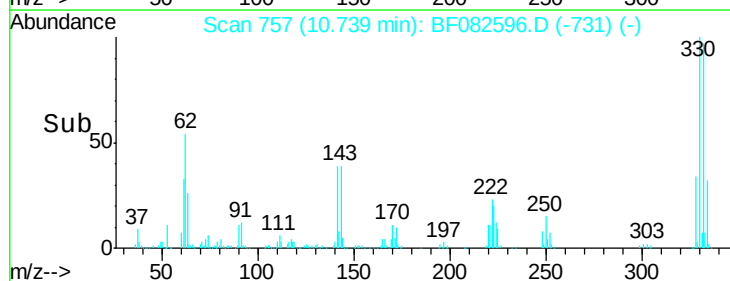
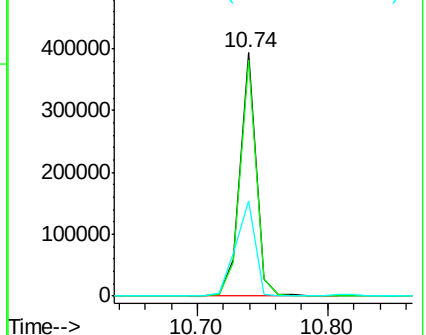
141 47.5 41.2 61.8

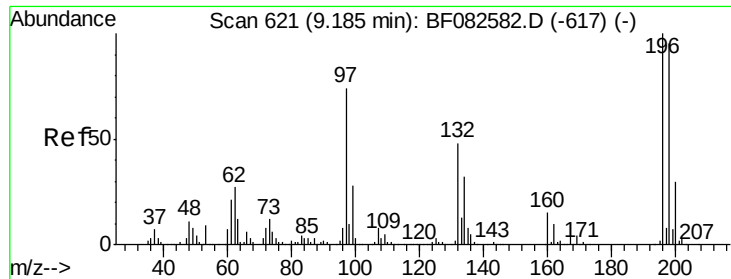


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

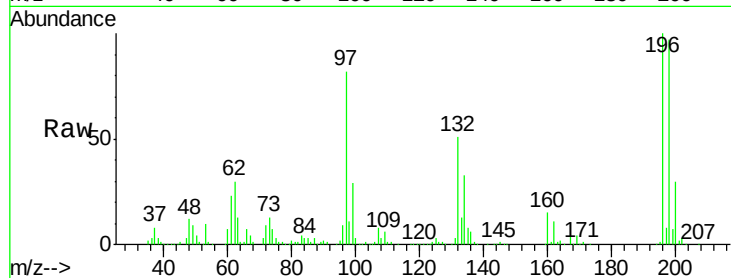




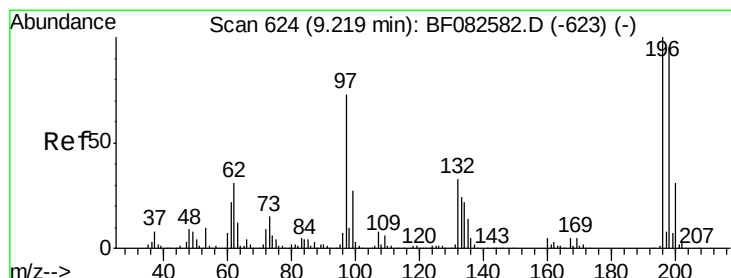
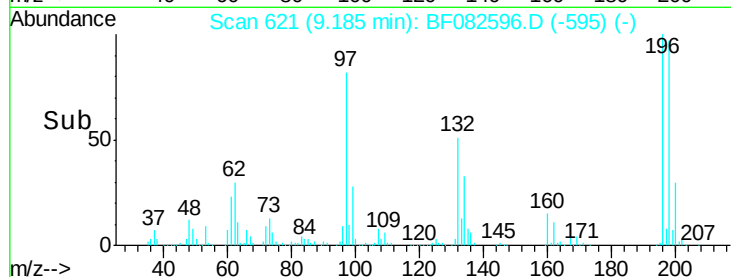
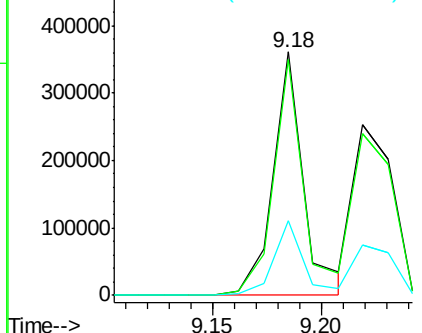
#42
 2,4,6-Trichlorophenol
 Concen: 37.51 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion:196 Resp: 356468
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.3 114.5
 200 30.5 23.9 35.9

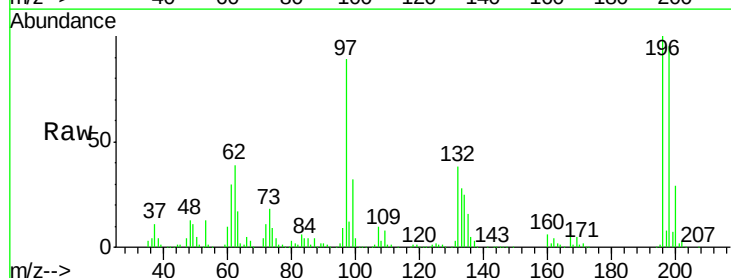


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

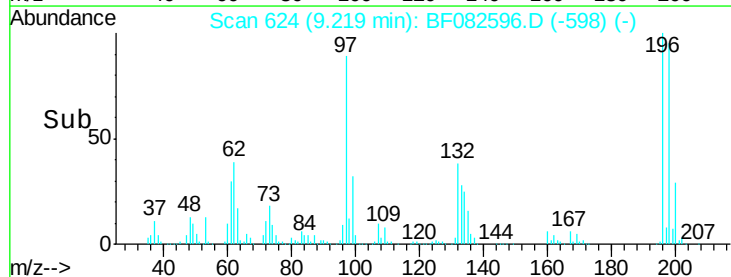
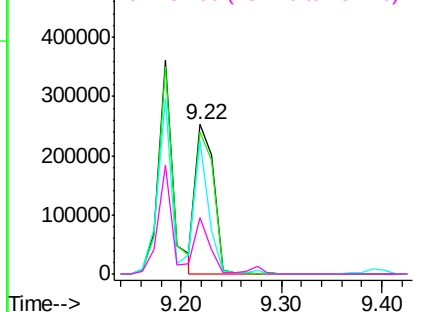


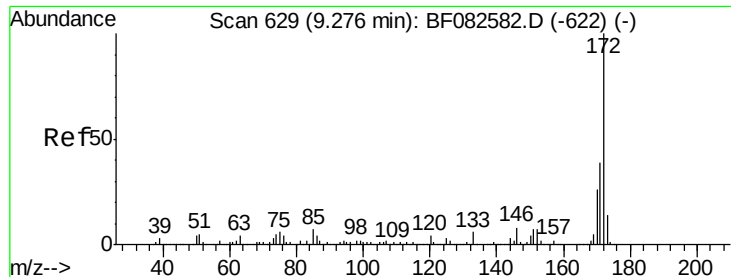
#43
 2,4,5-Trichlorophenol
 Concen: 34.11 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion:196 Resp: 322933
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.8 113.8
 97 89.3 62.3 93.5
 132 37.9 27.4 41.2



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

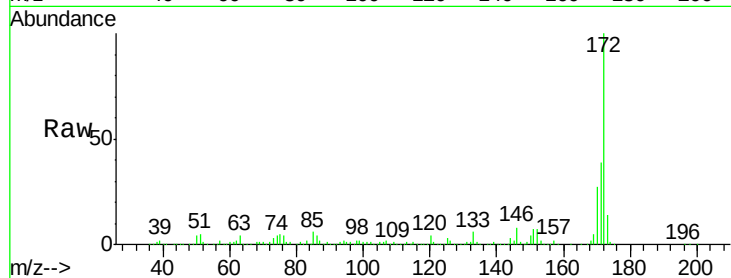




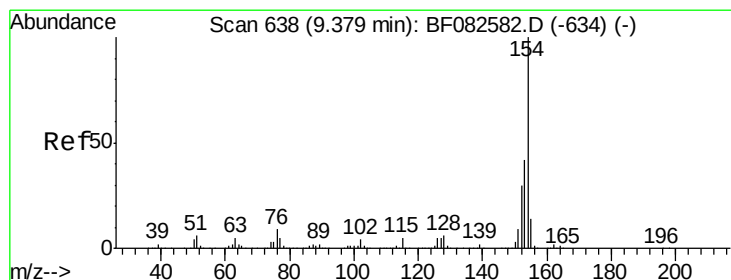
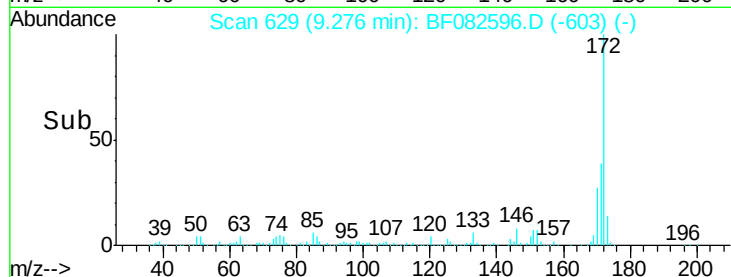
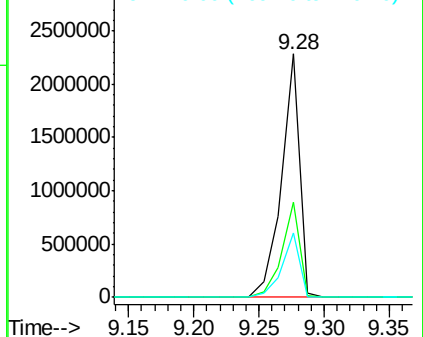
#44
2-Fluorobiphenyl
Concen: 79.81 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion:172 Resp: 2216740
Ion Ratio Lower Upper
172 100
171 38.8 30.8 46.2
170 26.7 21.2 31.8

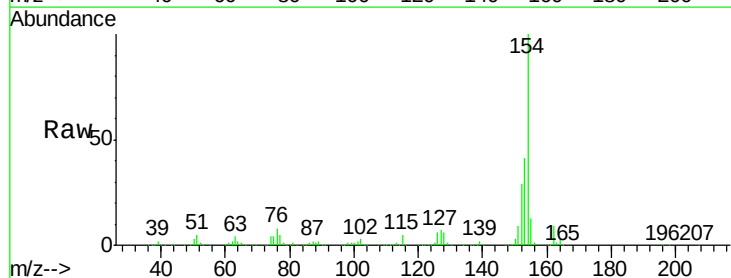


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

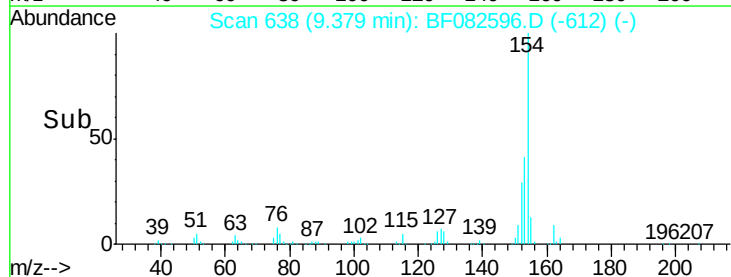
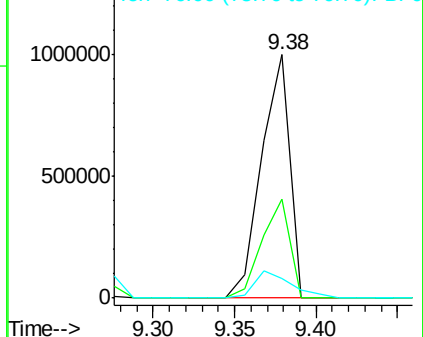


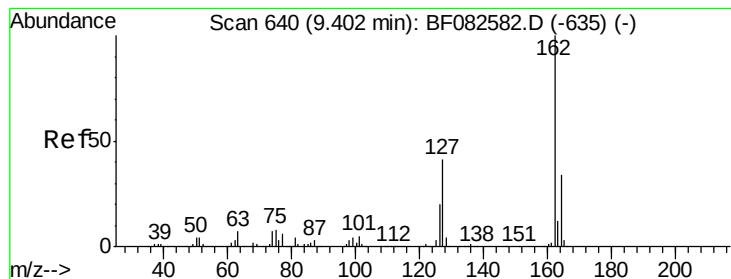
#45
1,1'-Biphenyl
Concen: 36.14 ng
RT: 9.38 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion:154 Resp: 1203996
Ion Ratio Lower Upper
154 100
153 40.8 22.0 62.0
76 7.9 0.0 29.0



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: 37.64 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

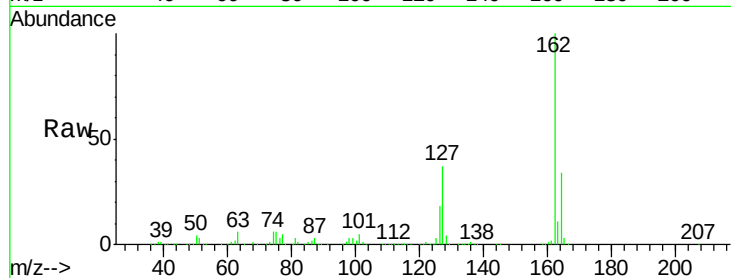
Tgt Ion: 162 Resp: 979098

Ion Ratio Lower Upper

162 100

127 37.4 32.7 49.1

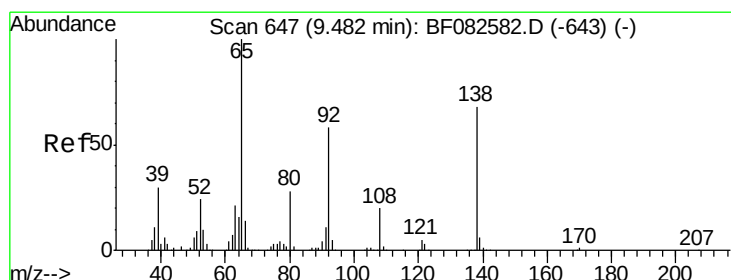
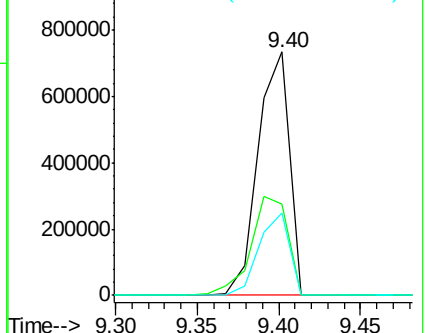
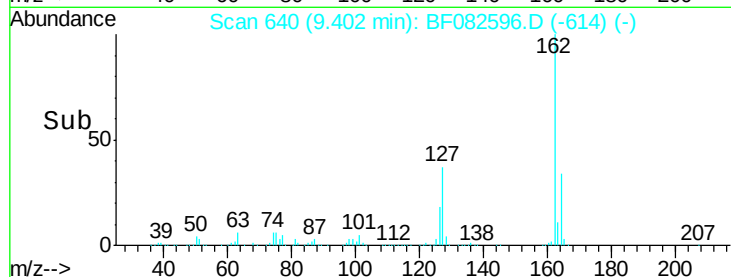
164 33.6 27.4 41.0



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: 33.51 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

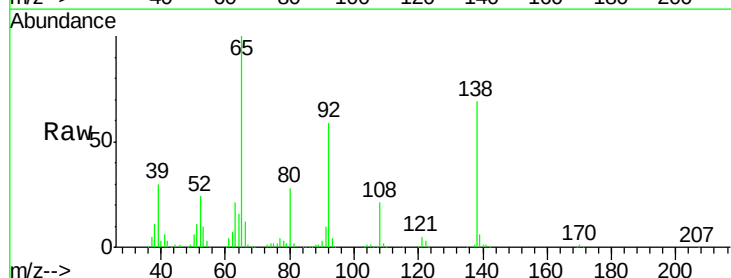
Tgt Ion: 65 Resp: 338800

Ion Ratio Lower Upper

65 100

92 58.6 46.6 70.0

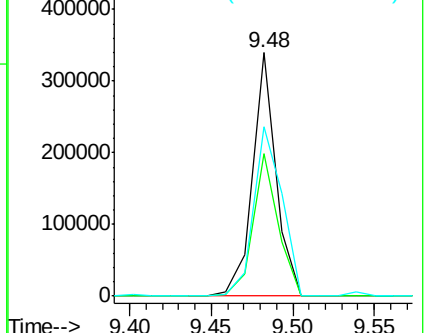
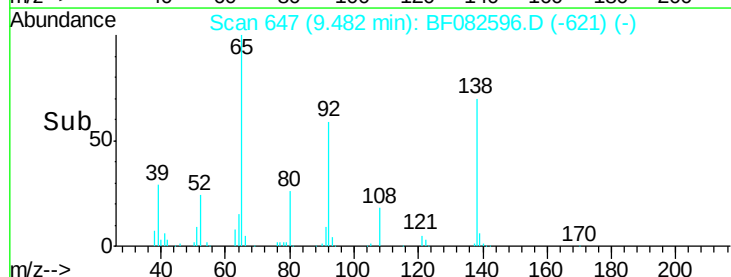
138 69.4 54.6 81.8

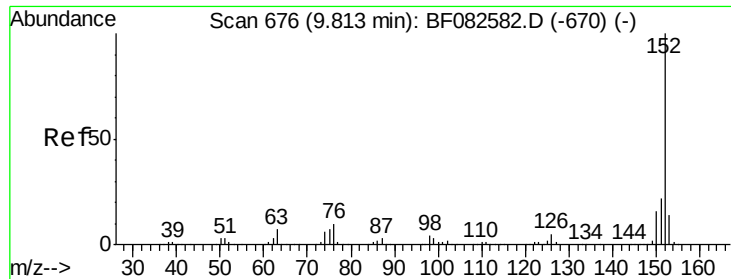


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 37.66 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

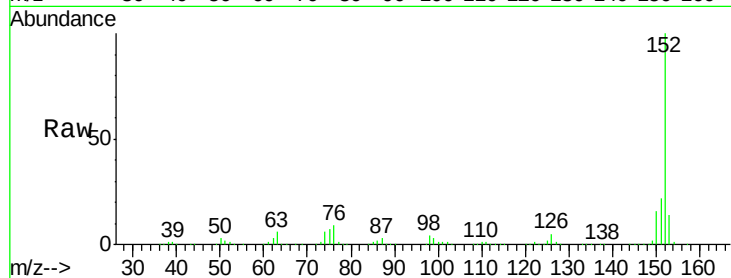
Tgt Ion:152 Resp: 1566688

Ion Ratio Lower Upper

152 100

151 21.7 17.3 25.9

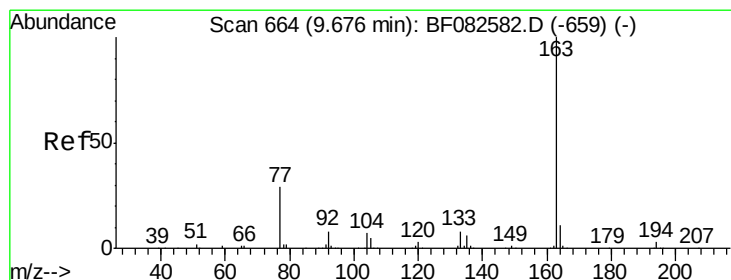
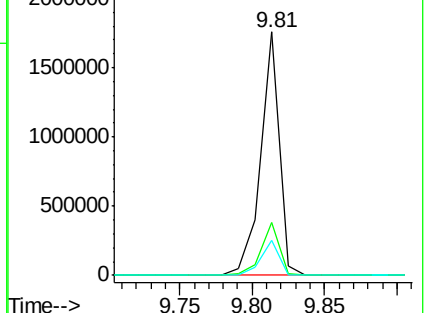
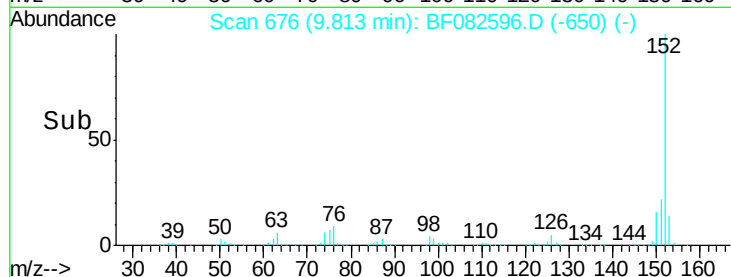
153 14.2 11.3 16.9



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: 37.09 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

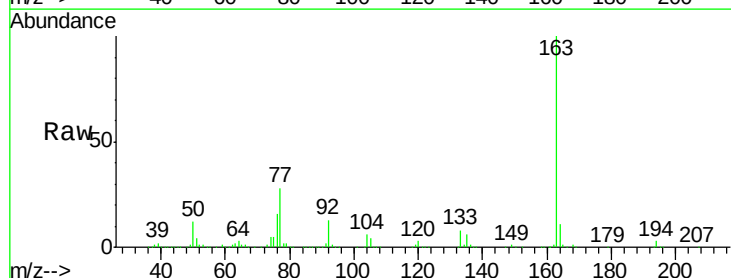
Tgt Ion:163 Resp: 1194617

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

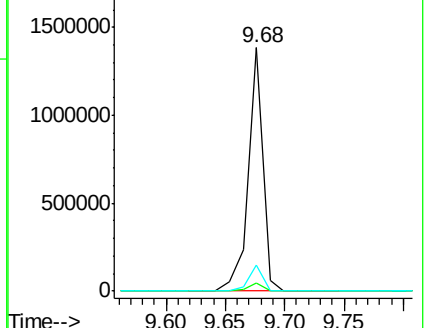
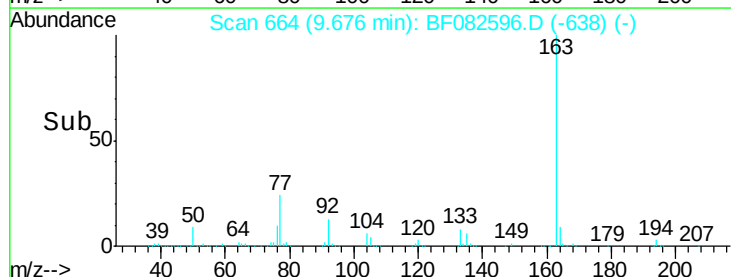
164 10.7 8.7 13.1

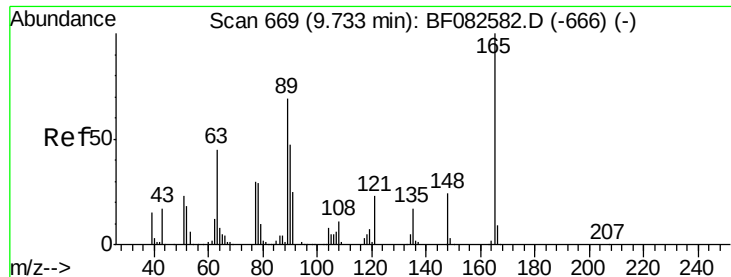


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

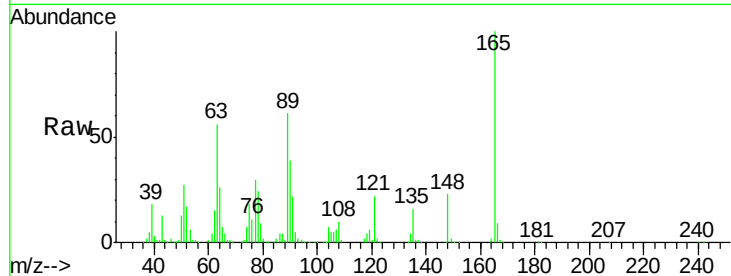




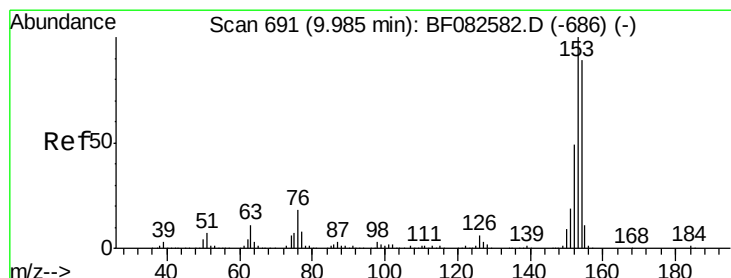
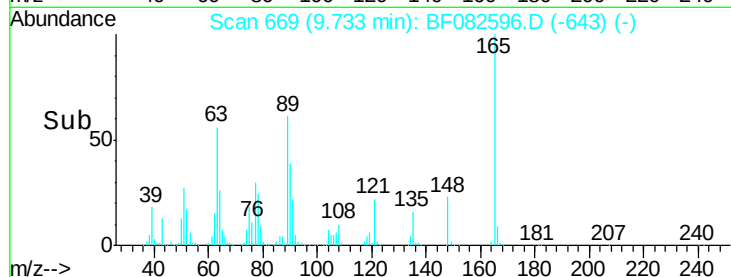
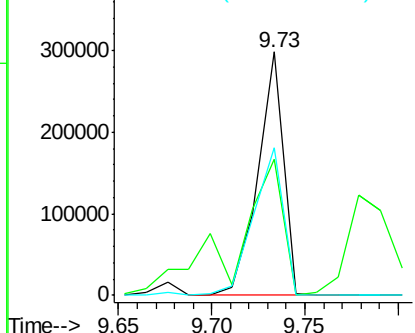
#50
2,6-Dinitrotoluene
Concen: 42.24 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion:165 Resp: 282001
Ion Ratio Lower Upper
165 100
63 55.7 55.5 83.3
89 60.6 55.0 82.6

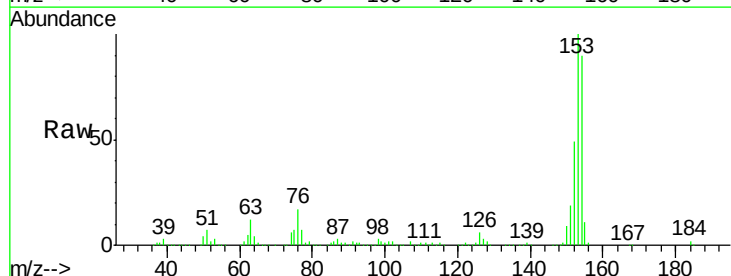


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

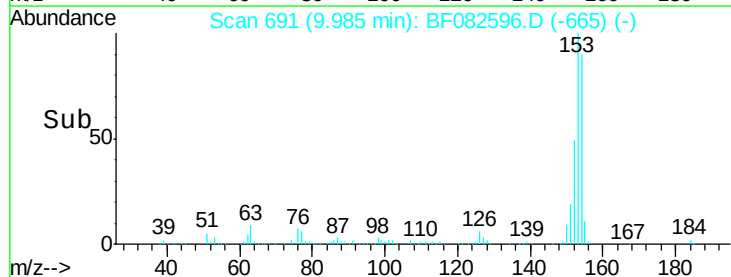
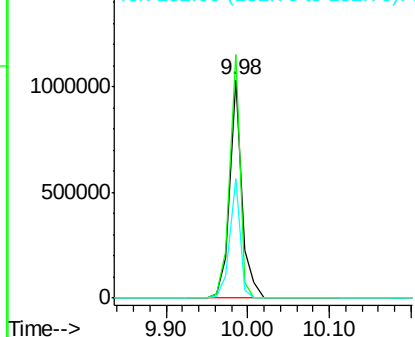


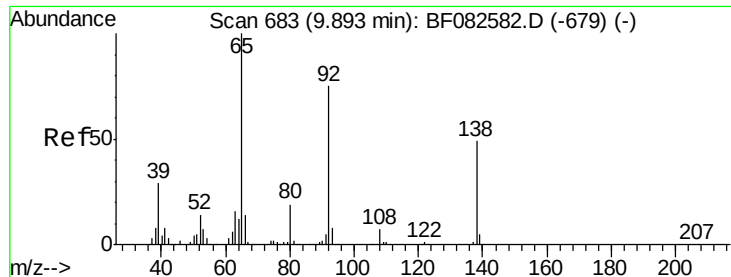
#51
Acenaphthene
Concen: 40.36 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion:154 Resp: 1065938
Ion Ratio Lower Upper
154 100
153 111.4 90.1 135.1
152 54.5 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 18.84 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

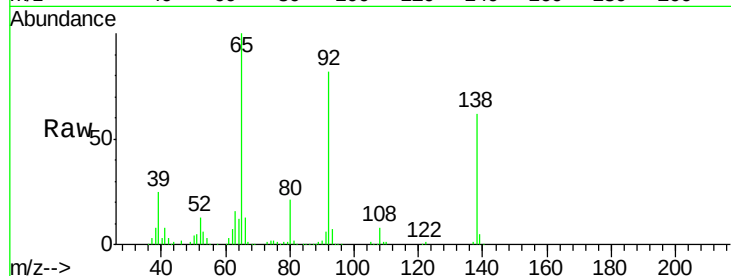
Tgt Ion:138 Resp: 139925

Ion Ratio Lower Upper

138 100

108 12.0 11.3 16.9

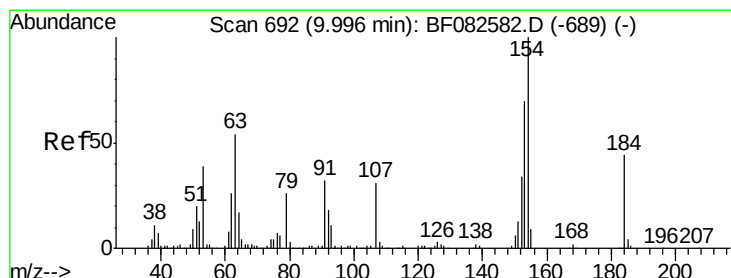
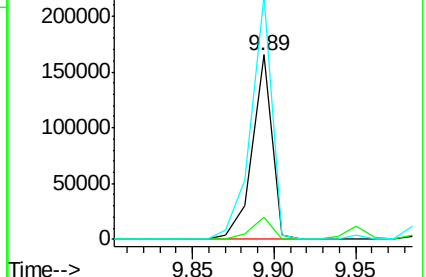
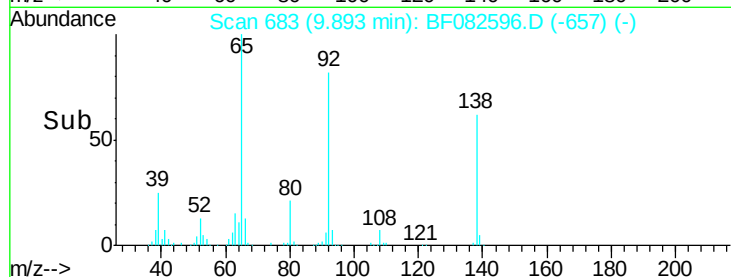
92 132.1 122.4 183.6



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: 64.09 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

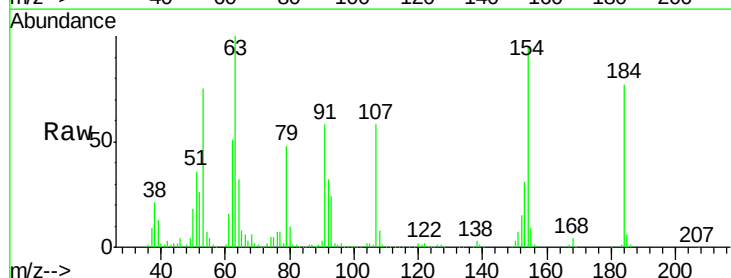
Tgt Ion:184 Resp: 222770

Ion Ratio Lower Upper

184 100

63 130.6 98.6 148.0

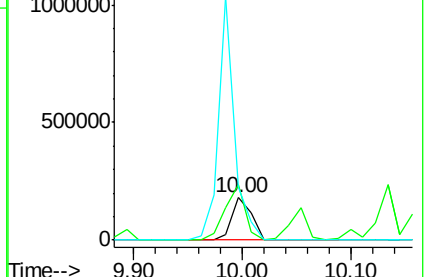
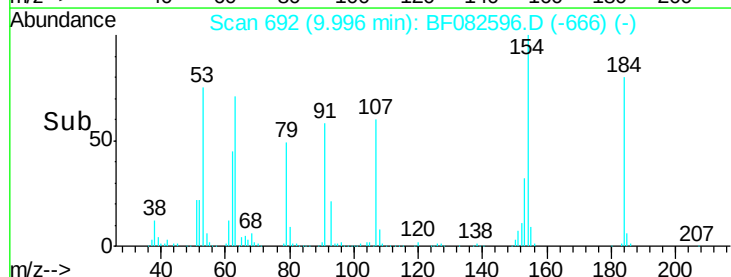
154 124.3 183.9 275.9#

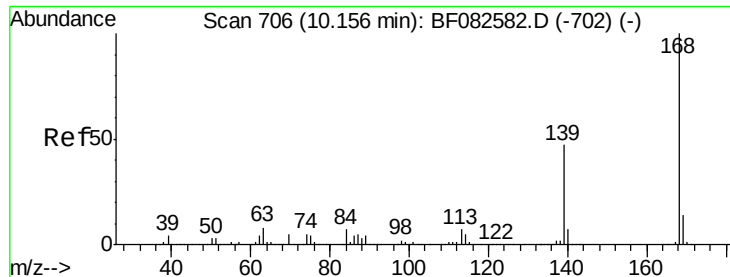


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

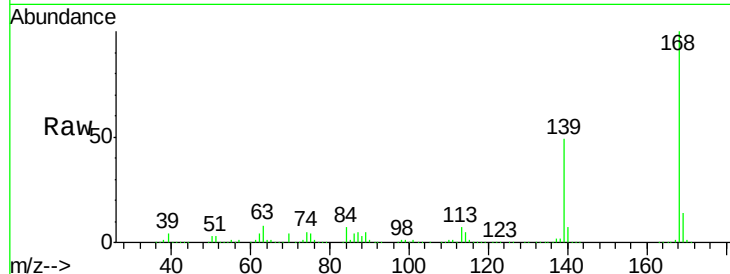




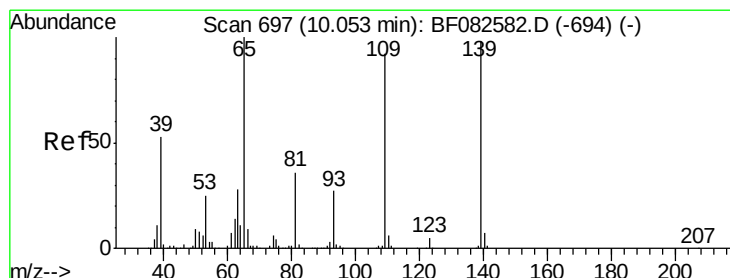
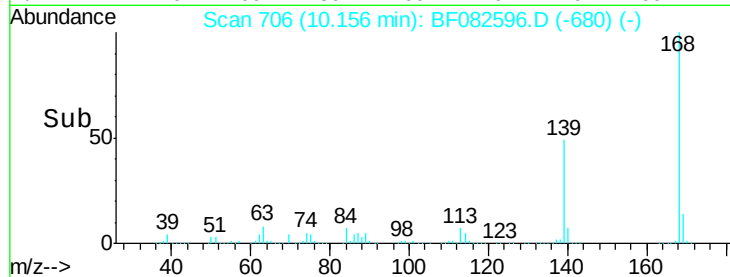
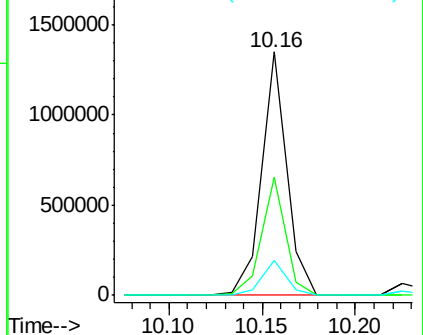
#54
Dibenzenofuran
Concen: 35.04 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion:168 Resp: 1255862
Ion Ratio Lower Upper
168 100
139 48.8 37.8 56.6
169 14.2 11.3 16.9

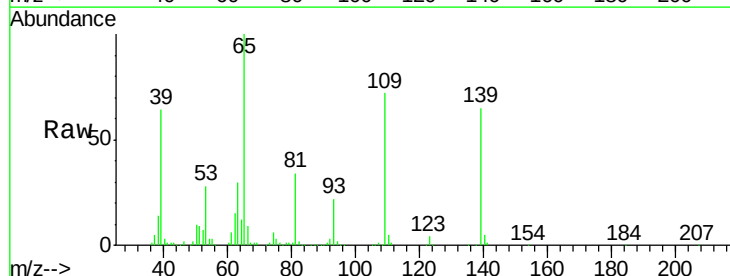


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

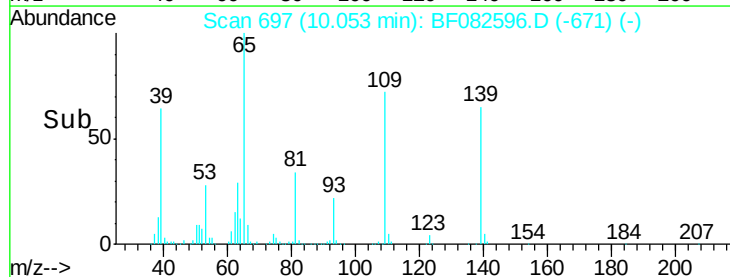
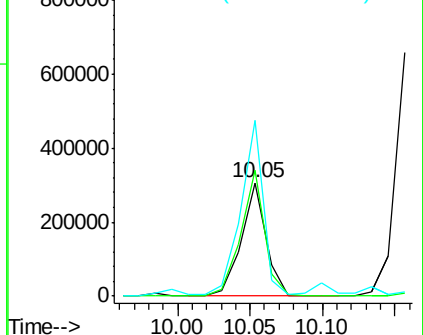


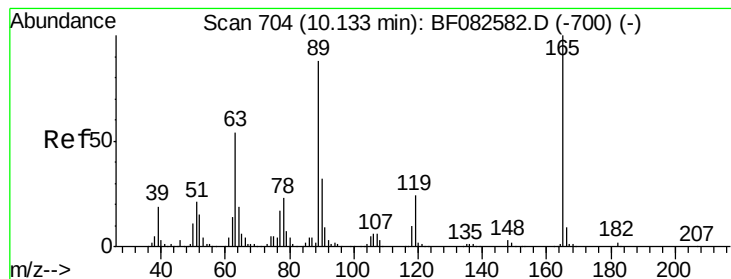
#55
4-Nitrophenol
Concen: 64.92 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion:139 Resp: 362783
Ion Ratio Lower Upper
139 100
109 110.9 73.7 113.7
65 154.9 82.9 122.9#



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





#56

2,4-Dinitrotoluene

Concen: 38.00 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt Ion:165 Resp: 343089

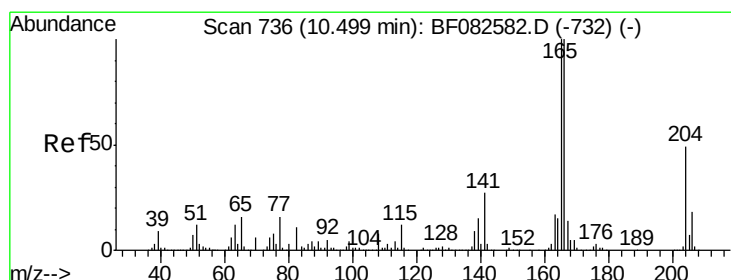
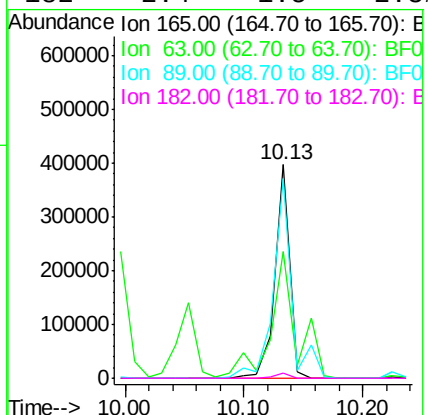
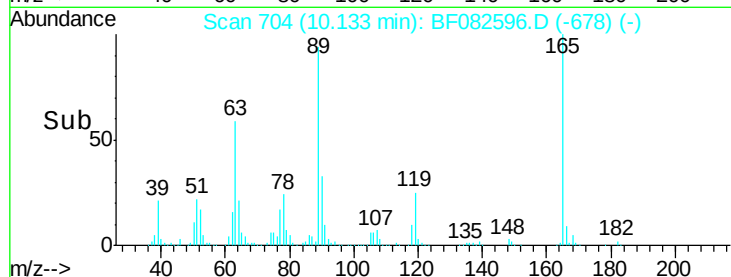
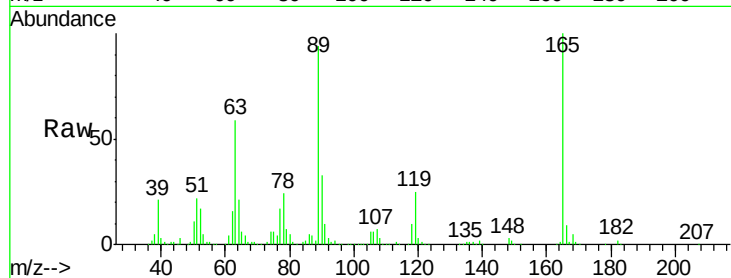
Ion Ratio Lower Upper

165 100

63 59.2 43.4 65.0

89 93.5 70.6 106.0

182 2.4 1.5 2.3#



#57

Fluorene

Concen: 36.35 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

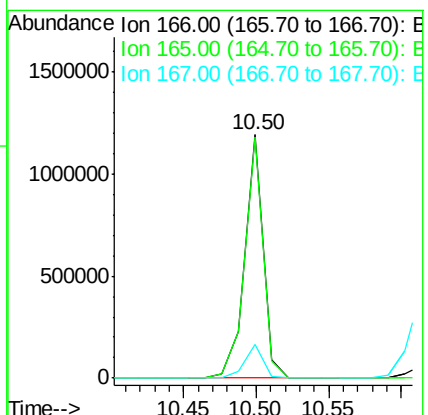
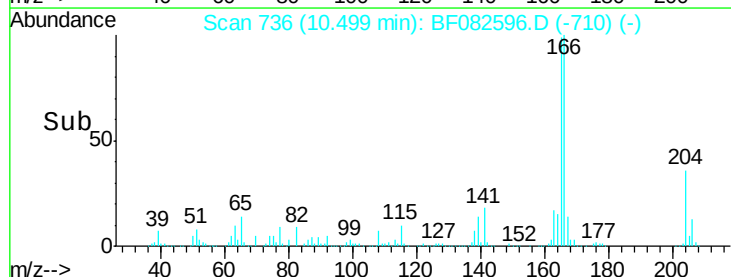
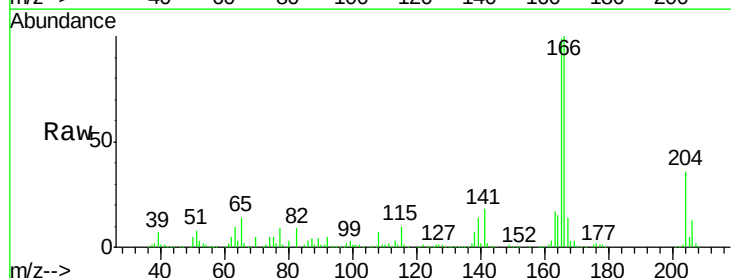
Tgt Ion:166 Resp: 1050994

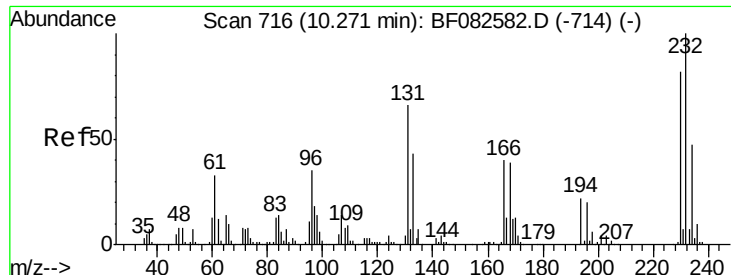
Ion Ratio Lower Upper

166 100

165 99.3 80.2 120.4

167 13.8 11.2 16.8

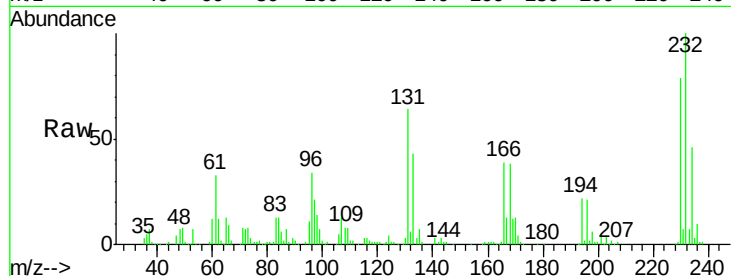




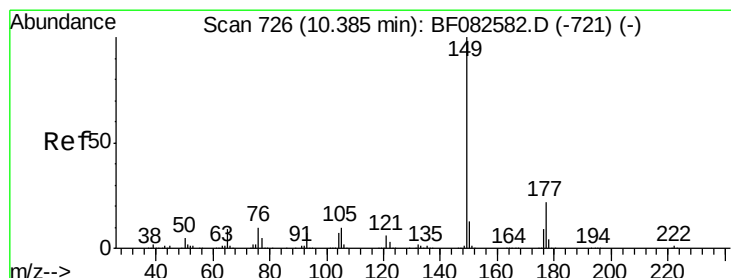
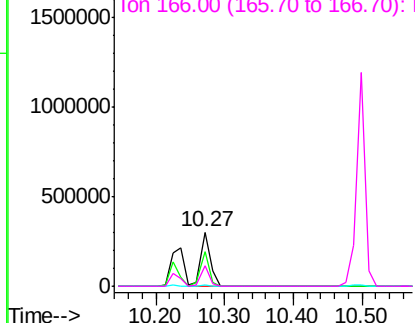
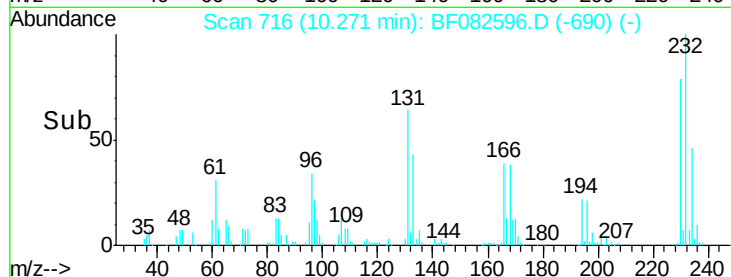
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.06 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion:232 Resp: 288580
 Ion Ratio Lower Upper
 232 100
 131 57.0 46.2 69.2
 130 2.8 2.4 3.6
 166 35.0 28.2 42.2

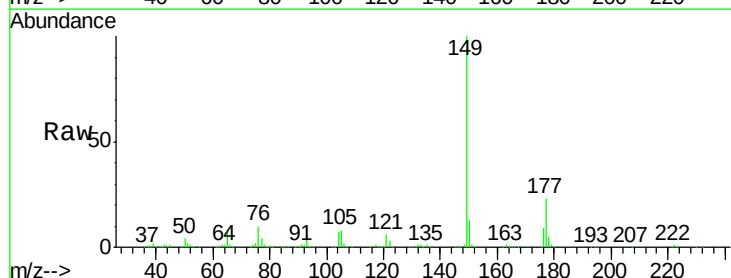


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

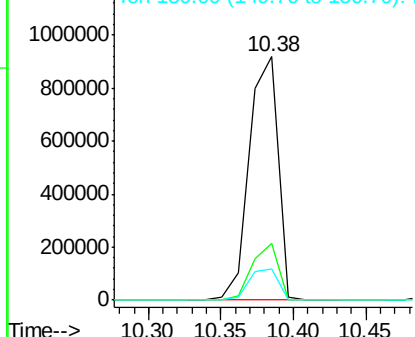
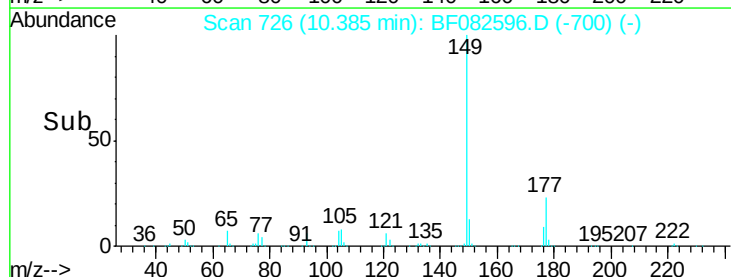


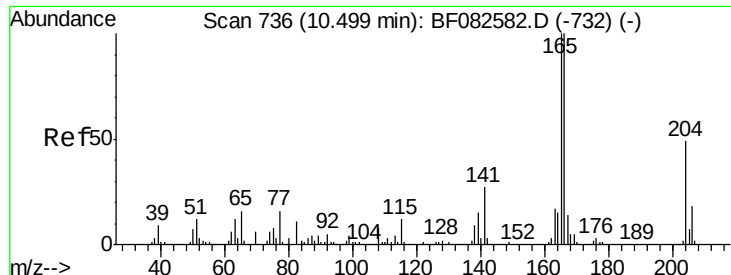
#59
 Diethylphthalate
 Concen: 38.53 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion:149 Resp: 1263284
 Ion Ratio Lower Upper
 149 100
 177 23.3 17.9 26.9
 150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

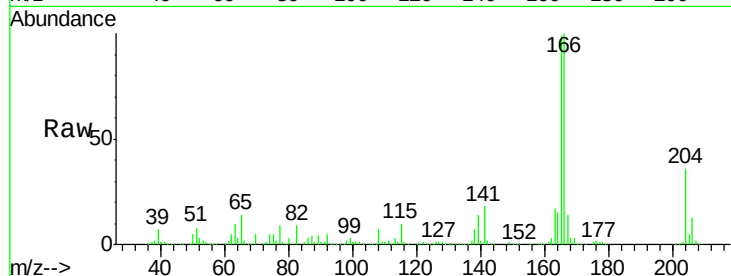




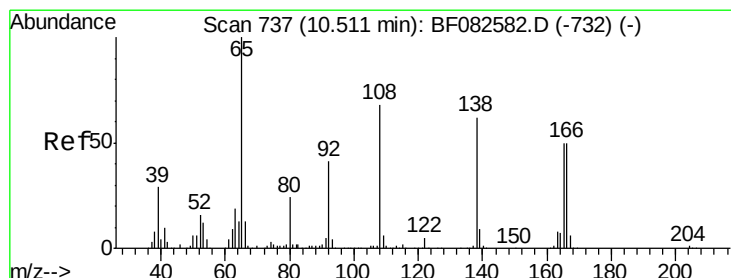
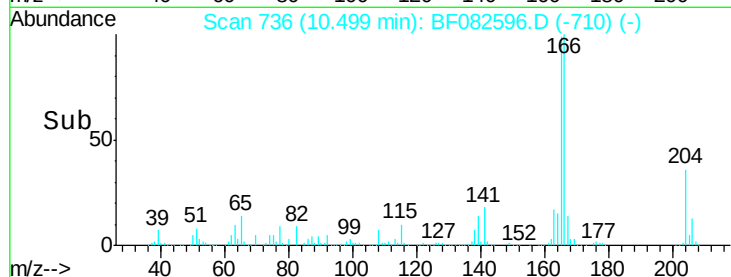
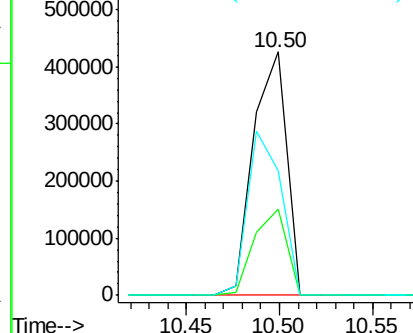
#60
4-Chlorophenyl-phenylether
Concen: 37.28 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampled :
PB86326BS

Tgt Ion:204 Resp: 523811
Ion Ratio Lower Upper
204 100
206 35.4 28.5 42.7
141 51.1 44.6 66.8

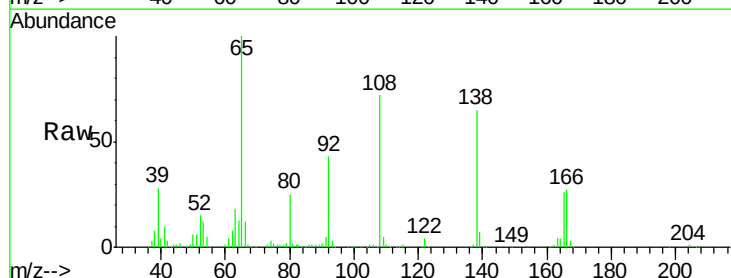


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

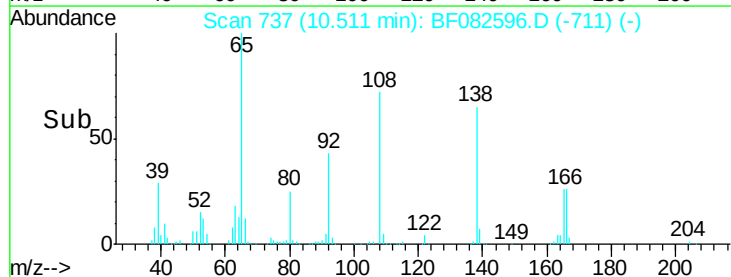
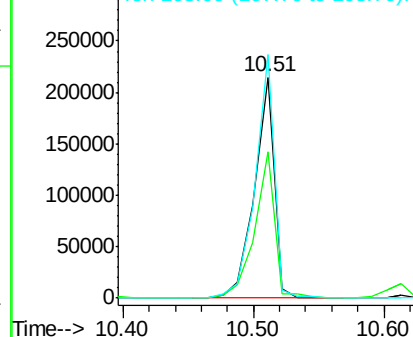


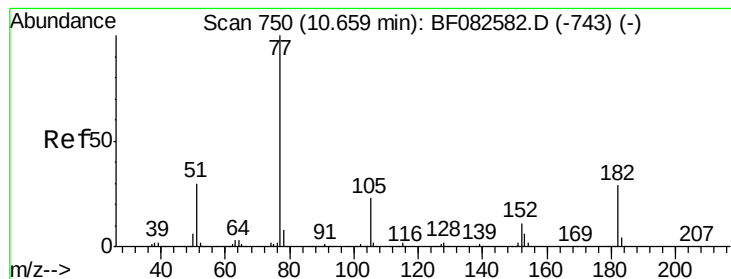
#61
4-Nitroaniline
Concen: 32.28 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion:138 Resp: 228757
Ion Ratio Lower Upper
138 100
92 66.1 45.8 85.8
108 110.4 89.4 129.4



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





#62

Azobenzene

Concen: 37.99 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleID :

PB86326BS

Tgt Ion: 77 Resp: 1404873

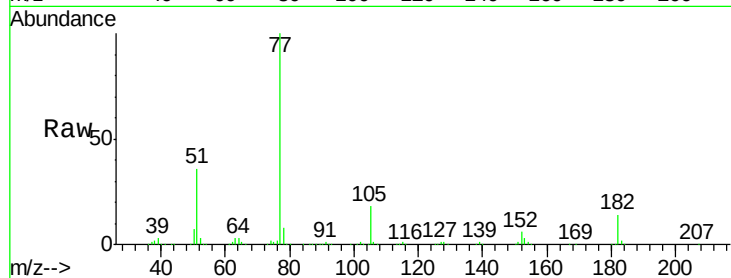
Ion Ratio Lower Upper

77 100

182 14.2 9.3 49.3

105 18.3 2.6 42.6

51 36.3 9.9 49.9

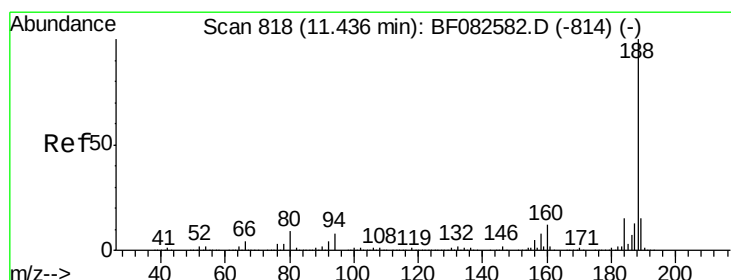
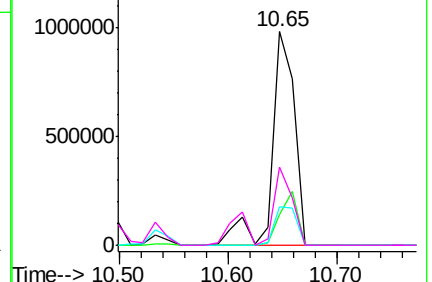
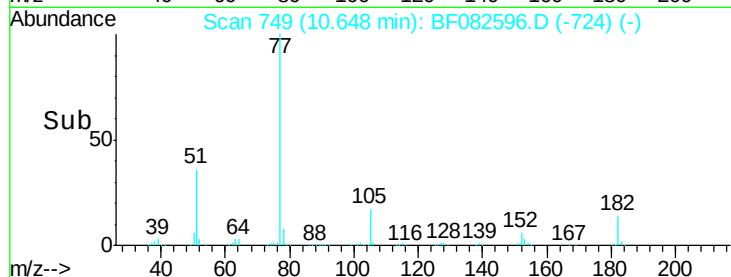


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

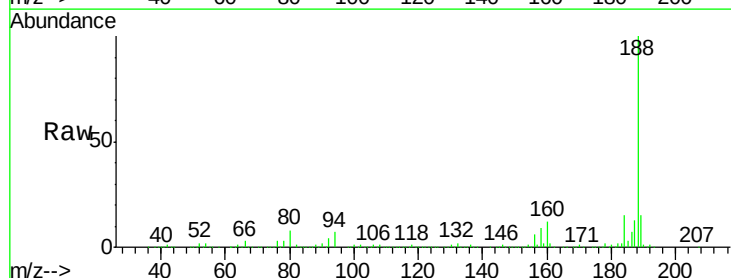
Tgt Ion: 188 Resp: 718985

Ion Ratio Lower Upper

188 100

94 7.2 6.1 9.1

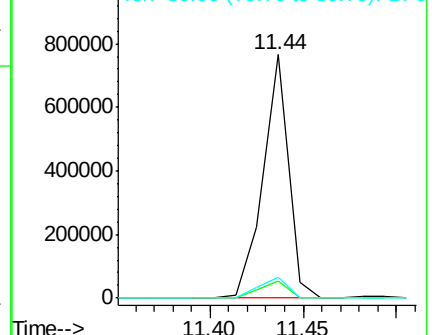
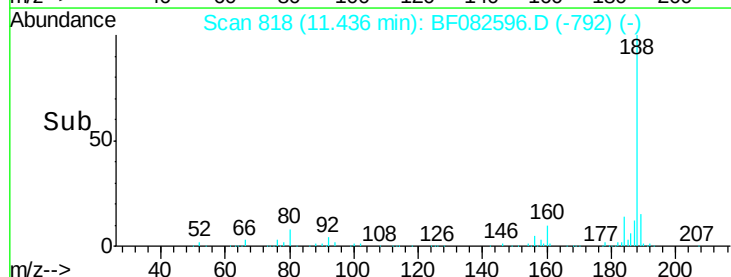
80 8.4 7.0 10.6

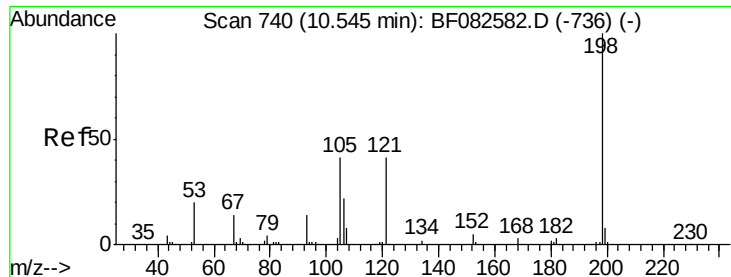


Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.46 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

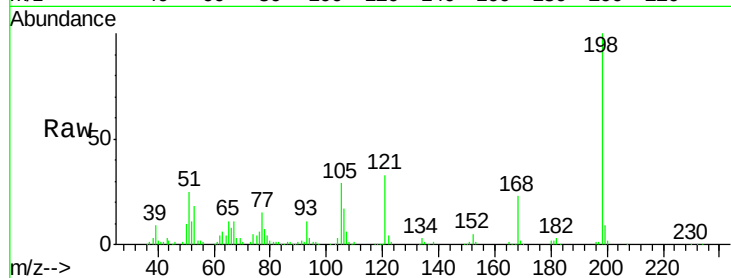
Tgt Ion:198 Resp: 175438

Ion Ratio Lower Upper

198 100

51 24.8 17.3 57.3

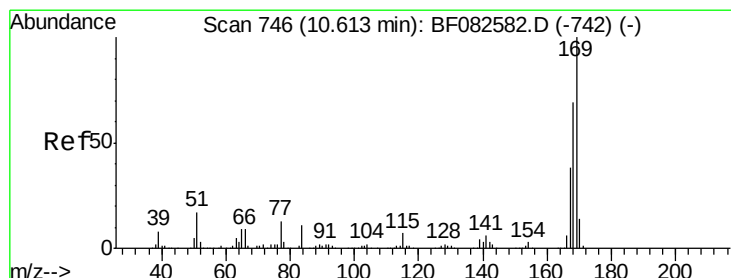
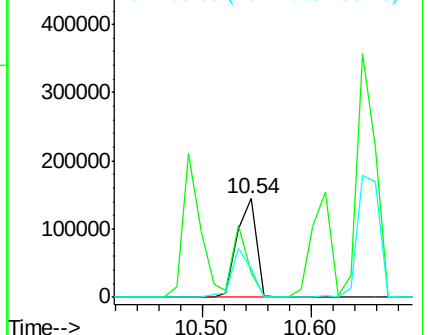
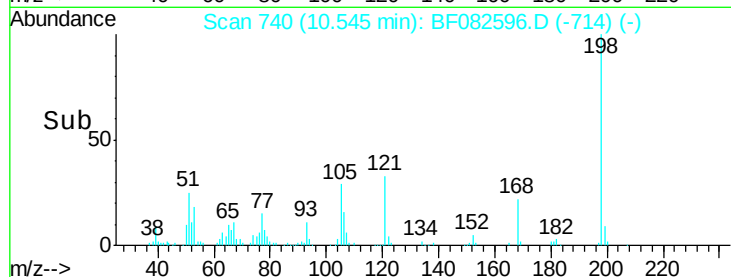
105 29.0 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.74 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

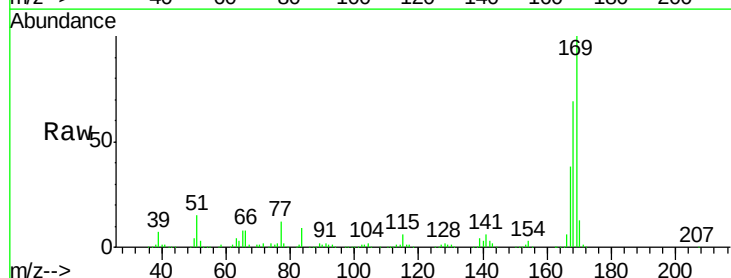
Tgt Ion:169 Resp: 1006836

Ion Ratio Lower Upper

169 100

168 68.9 55.0 82.6

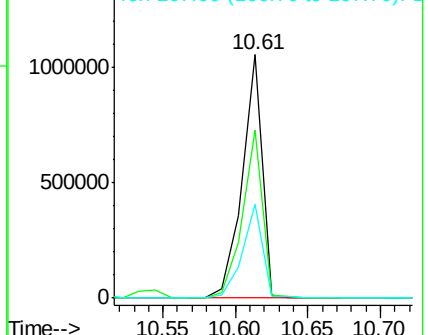
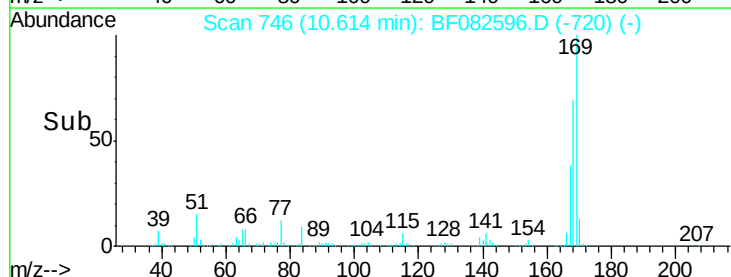
167 38.4 30.5 45.7

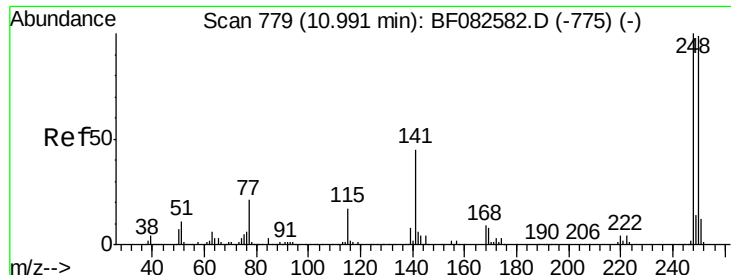


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

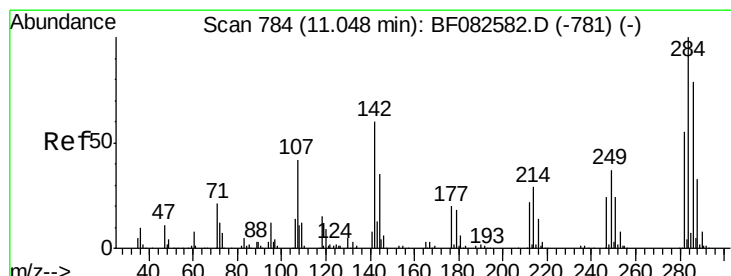
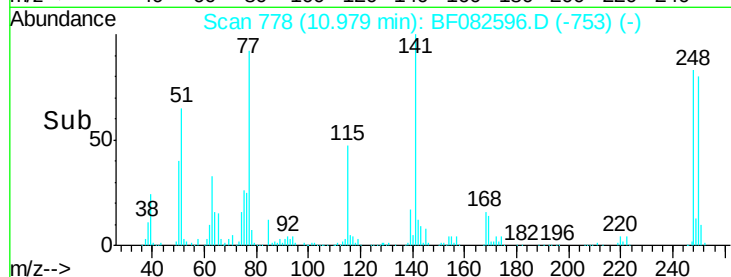
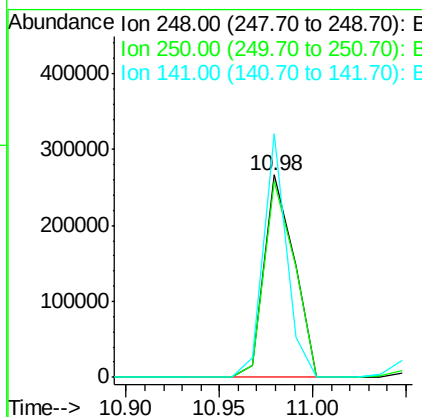
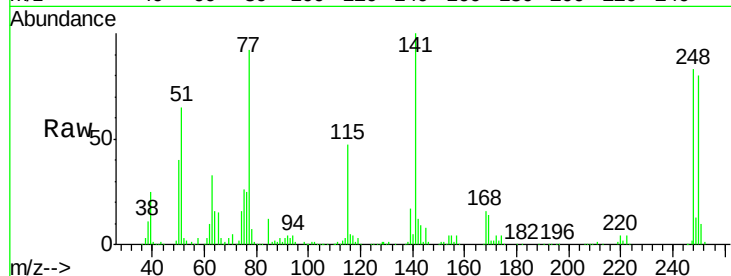




#66
 4-Bromophenyl-phenylether
 Concen: 36.24 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

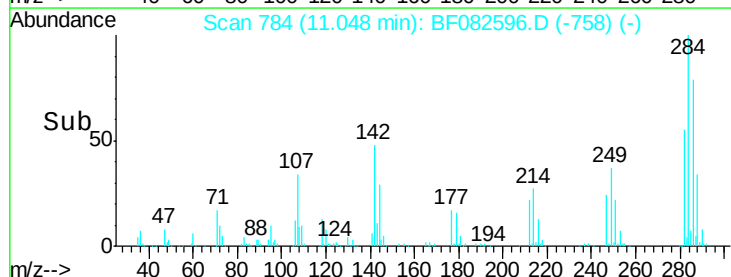
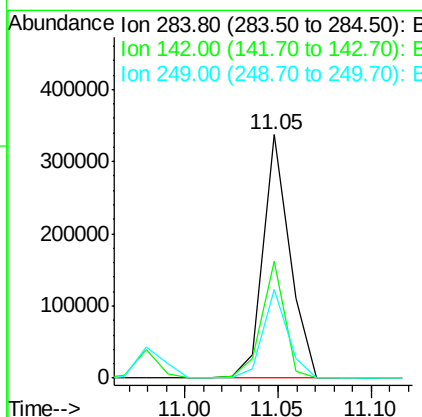
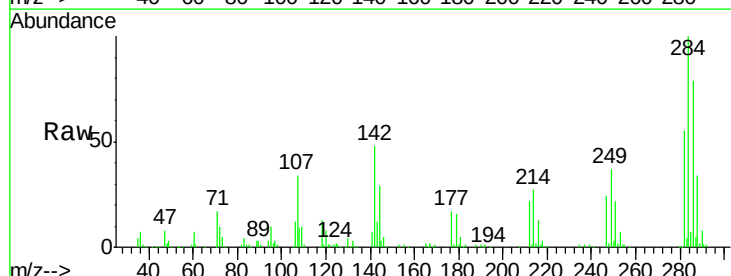
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

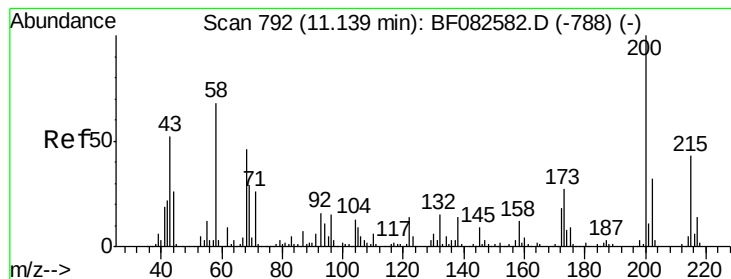
Tgt Ion: 248 Resp: 295312
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 120.3 36.3 54.5#



#67
 Hexachlorobenzene
 Concen: 36.59 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion: 284 Resp: 330546
 Ion Ratio Lower Upper
 284 100
 142 47.8 47.9 71.9#
 249 36.6 29.7 44.5





#68

Atrazine

Concen: 37.84 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

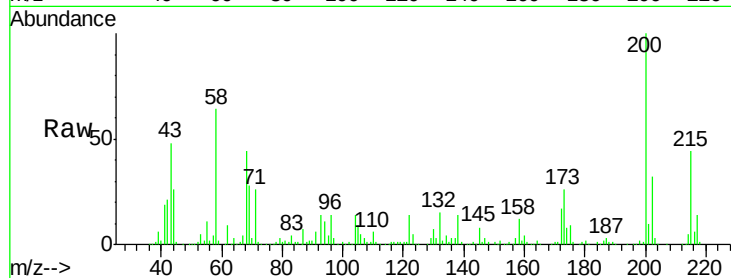
Tgt Ion:200 Resp: 305990

Ion Ratio Lower Upper

200 100

173 26.4 6.9 46.9

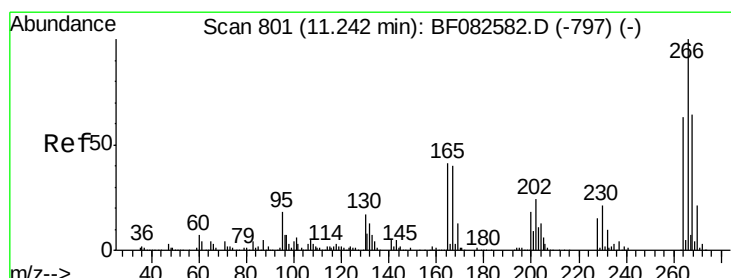
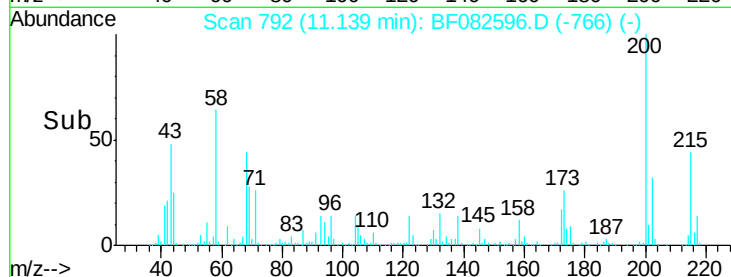
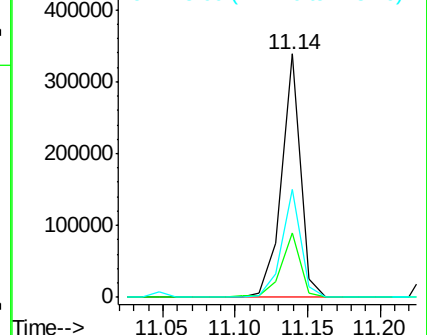
215 44.1 22.9 62.9



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: 79.00 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

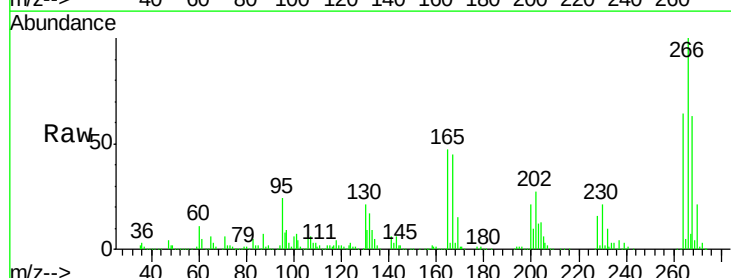
Tgt Ion:266 Resp: 470651

Ion Ratio Lower Upper

266 100

268 63.0 51.0 76.6

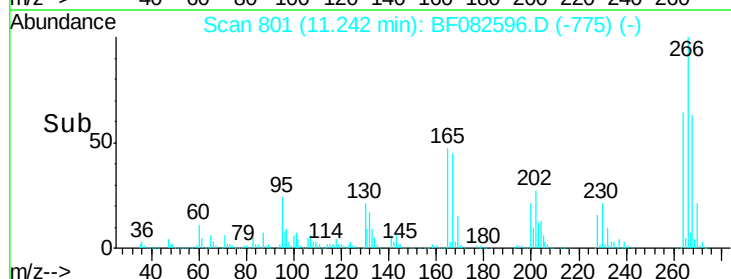
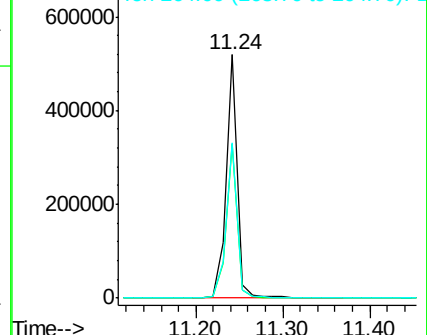
264 63.6 50.6 75.8

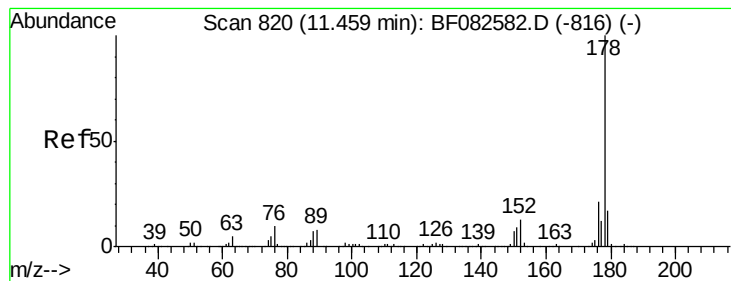


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 36.57 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

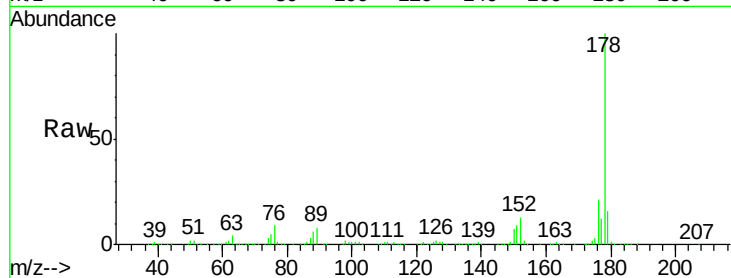
Tgt Ion:178 Resp: 1482856

Ion Ratio Lower Upper

178 100

176 20.5 17.0 25.4

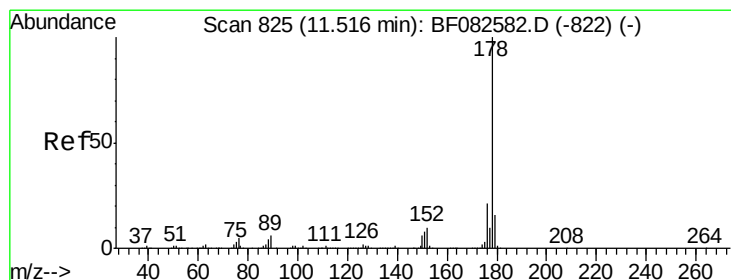
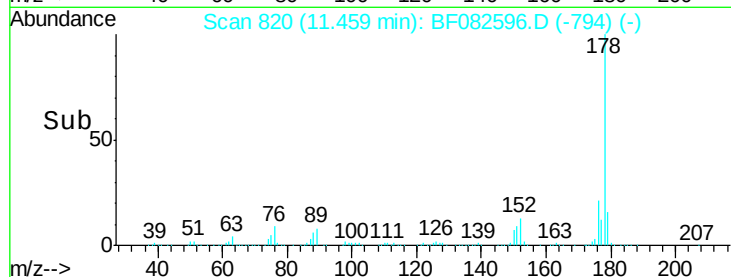
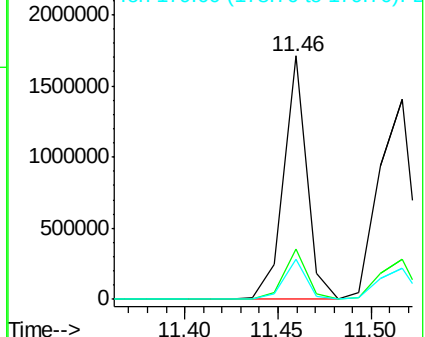
179 16.3 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 40.38 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

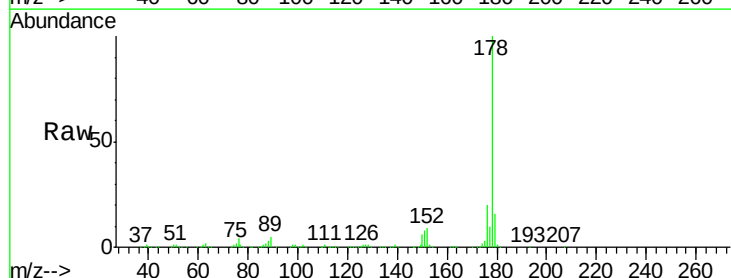
Tgt Ion:178 Resp: 1648616

Ion Ratio Lower Upper

178 100

176 19.8 16.5 24.7

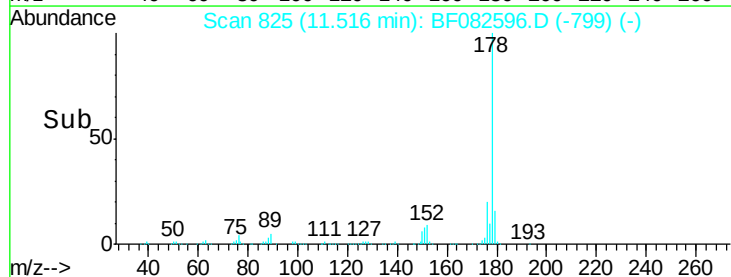
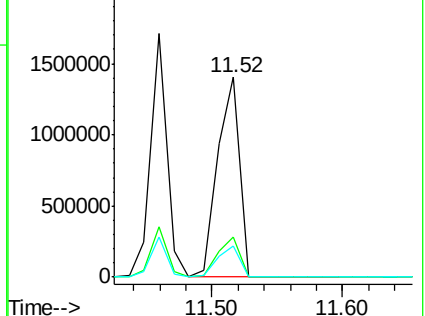
179 15.7 13.2 19.8

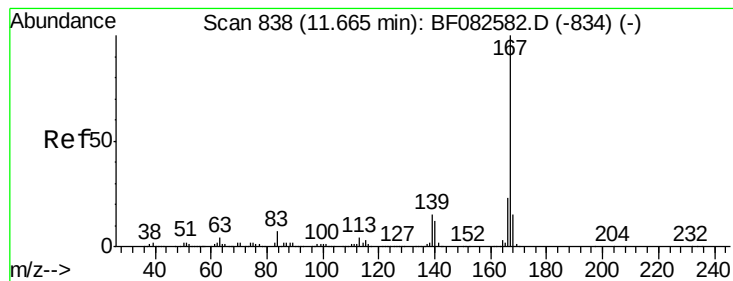


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.41 ng

RT: 11.67 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

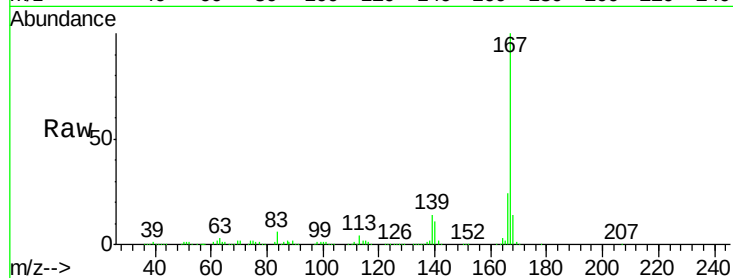
Tgt Ion:167 Resp: 1472846

Ion Ratio Lower Upper

167 100

166 23.5 18.7 28.1

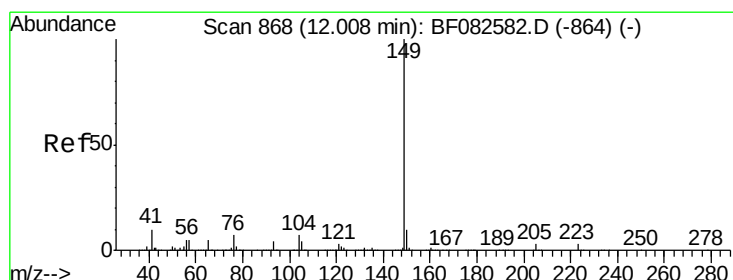
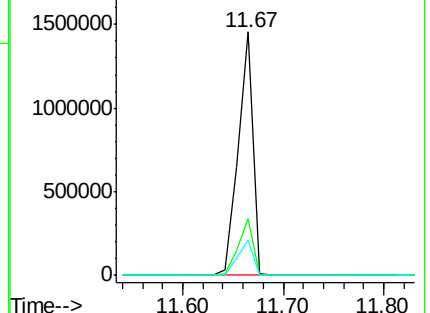
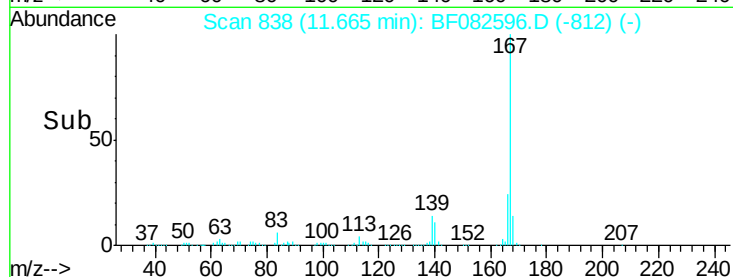
139 14.3 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.85 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

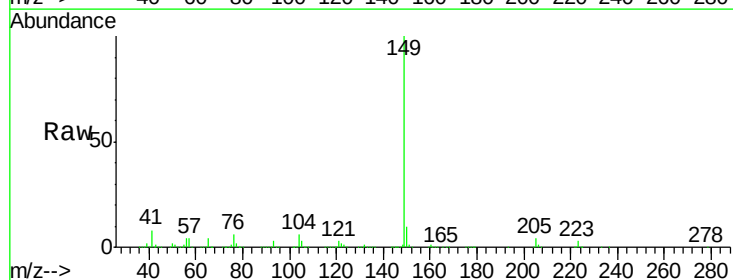
Tgt Ion:149 Resp: 1894666

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

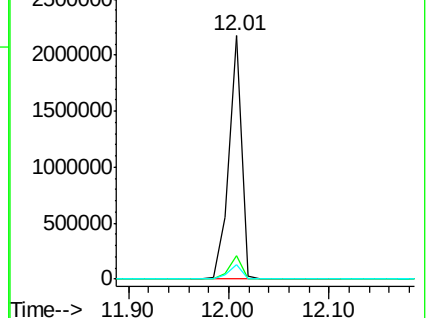
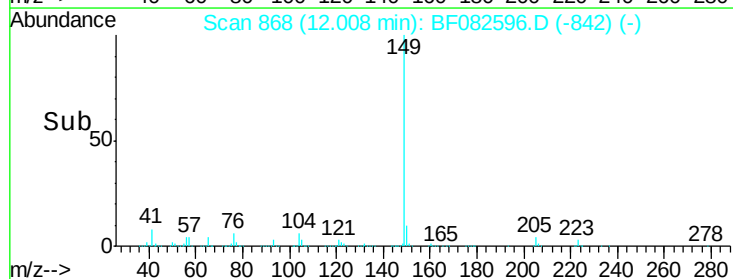
104 6.0 5.2 7.8

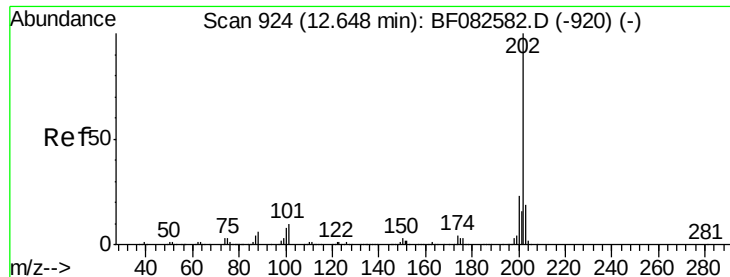


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

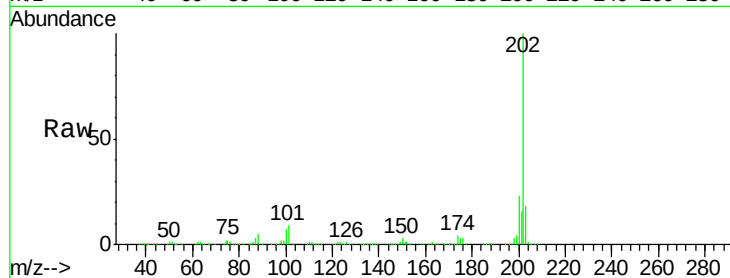




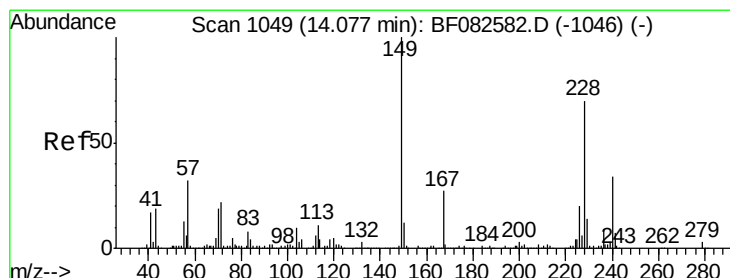
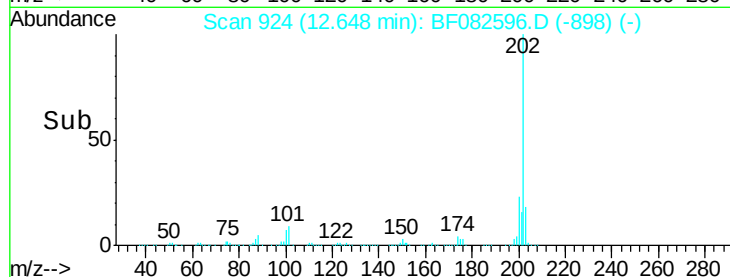
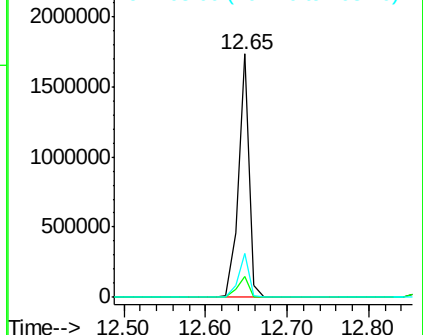
#74
 Fluoranthene
 Concen: 38.09 ng
 RT: 12.65 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion:202 Resp: 1579051
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 30.5
 203 18.1 0.0 38.5

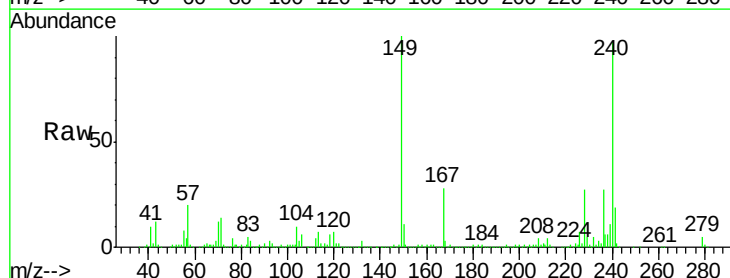


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

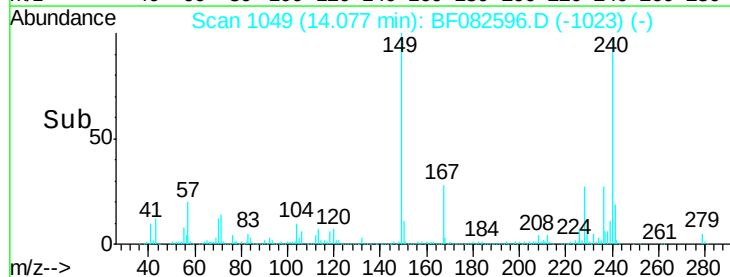
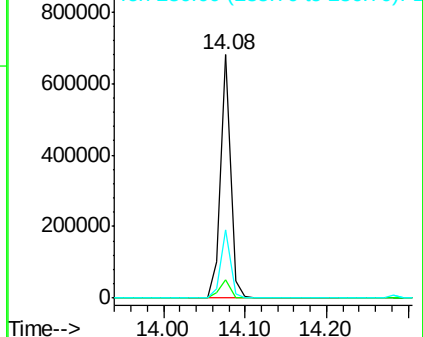


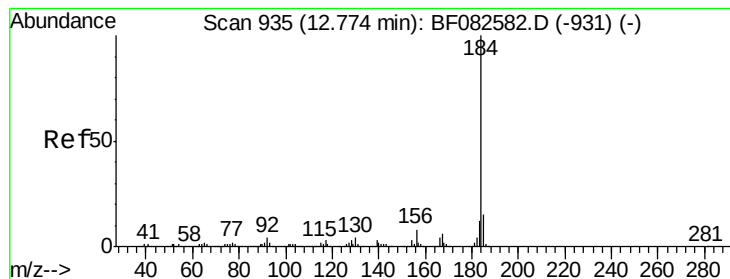
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion:240 Resp: 577613
 Ion Ratio Lower Upper
 240 100
 120 7.3 10.9 16.3#
 236 27.8 21.6 32.4



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: 19.10 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

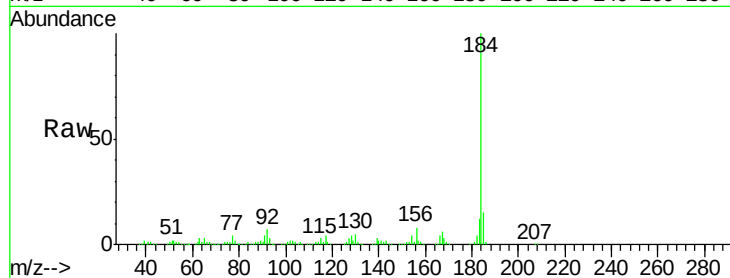
Tgt Ion:184 Resp: 497561

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

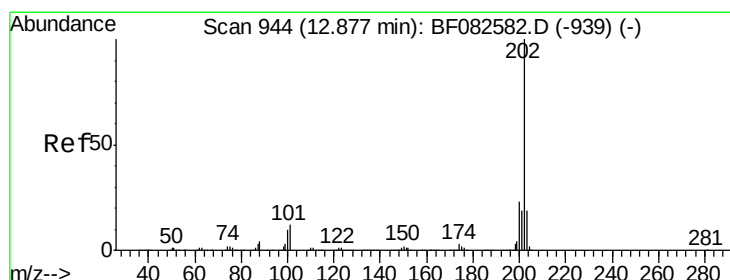
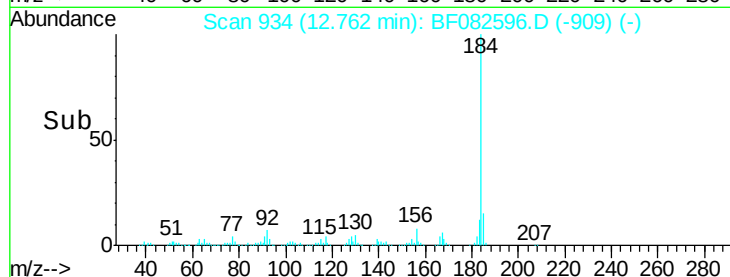
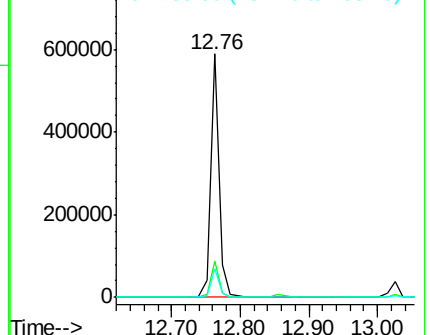
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 37.99 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

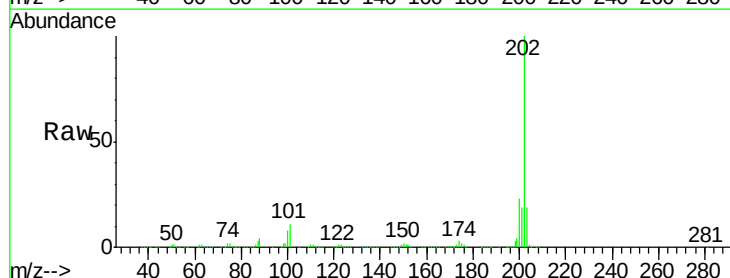
Tgt Ion:202 Resp: 1625058

Ion Ratio Lower Upper

202 100

200 23.0 18.7 28.1

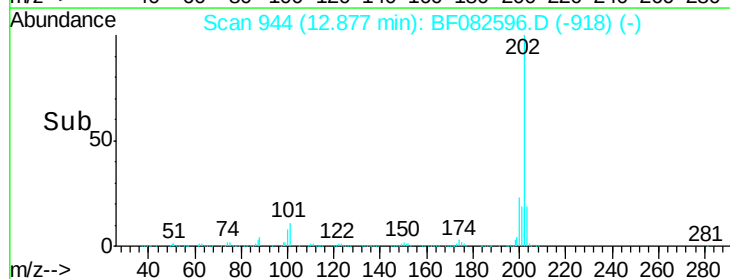
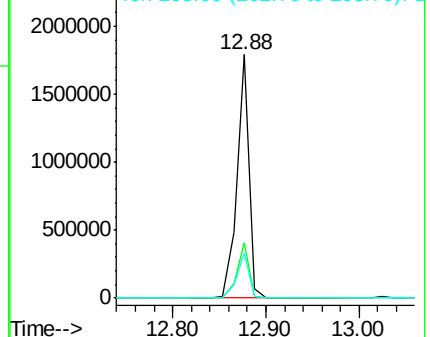
203 18.7 14.8 22.2

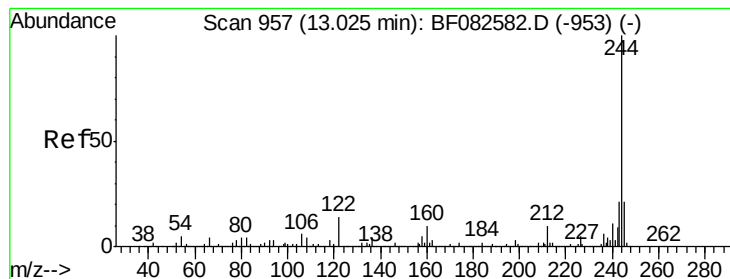


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.64 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampled :

PB86326BS

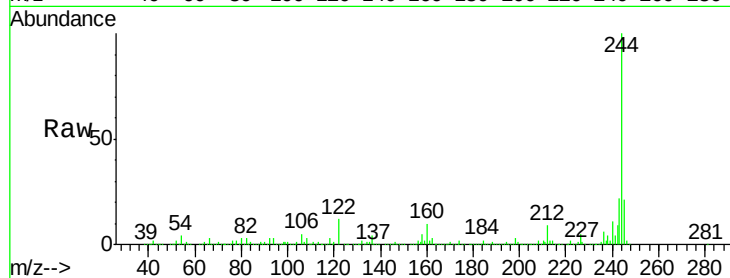
Tgt Ion:244 Resp: 1917324

Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

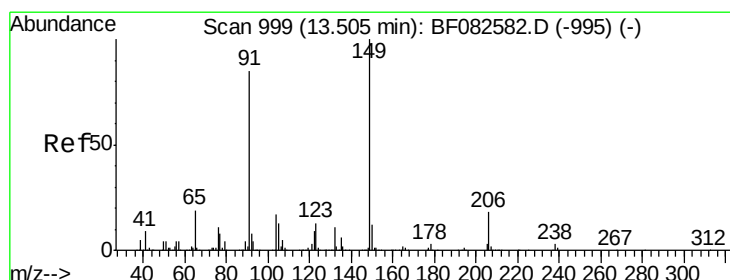
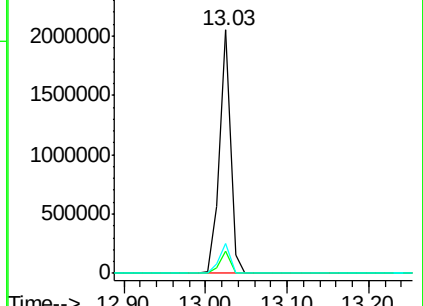
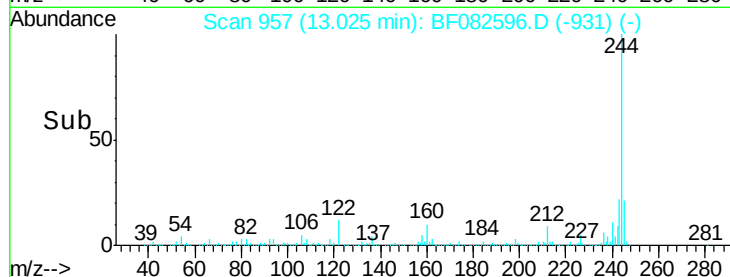
122 12.4 11.3 16.9



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: 41.72 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

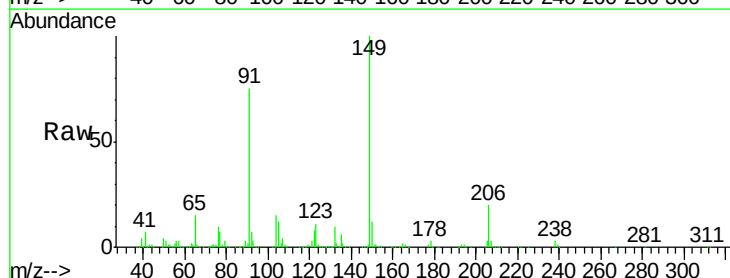
Tgt Ion:149 Resp: 781566

Ion Ratio Lower Upper

149 100

91 75.0 67.7 101.5

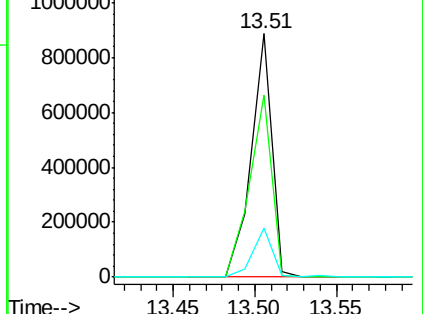
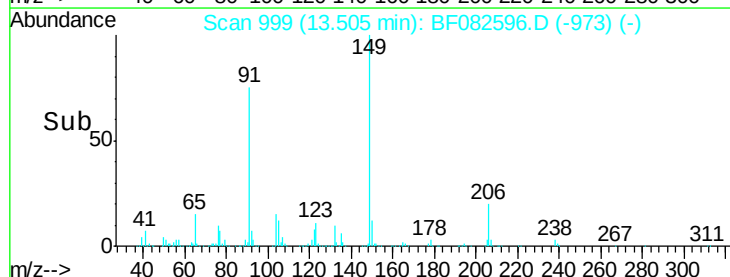
206 20.0 14.6 22.0

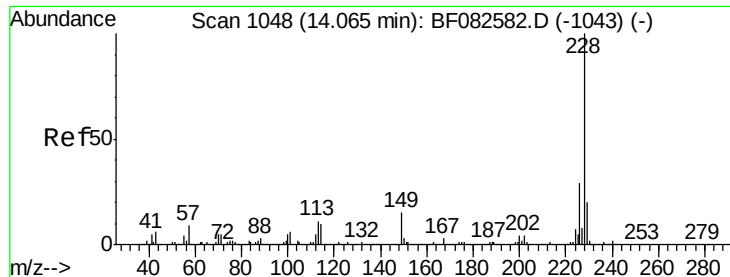


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.57 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

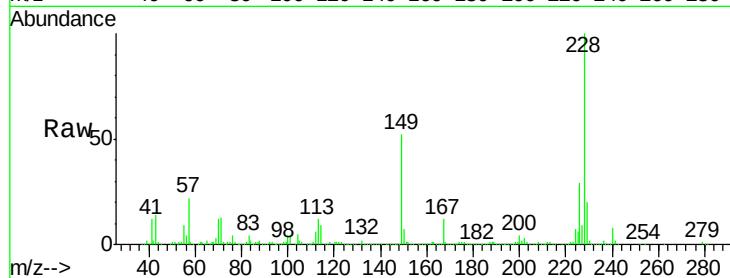
Tgt Ion:228 Resp: 1341924

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

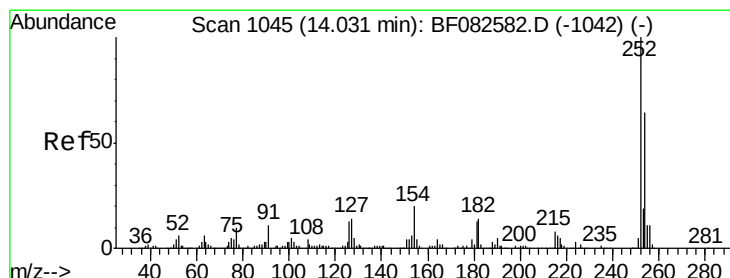
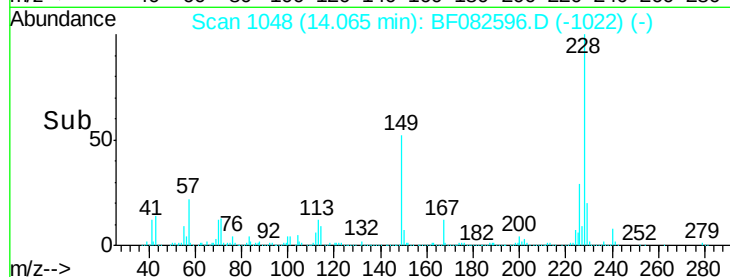
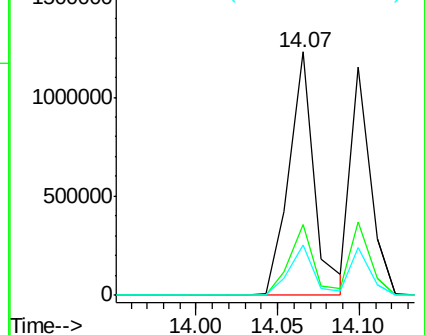
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 16.80 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

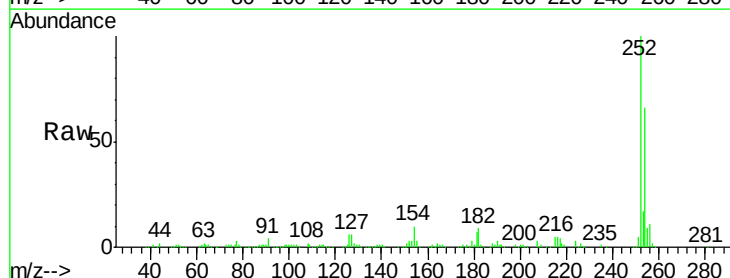
Tgt Ion:252 Resp: 212467

Ion Ratio Lower Upper

252 100

254 66.3 51.4 77.0

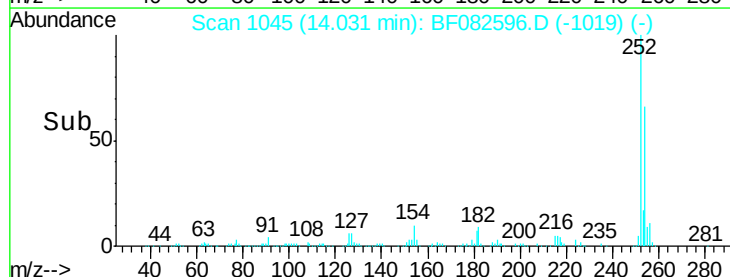
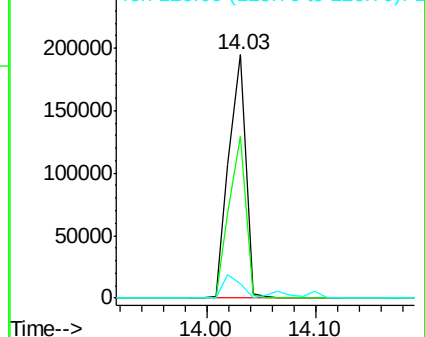
126 6.0 10.7 16.1#

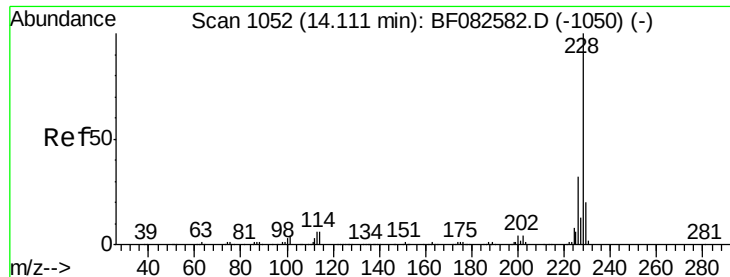


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 30.21 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

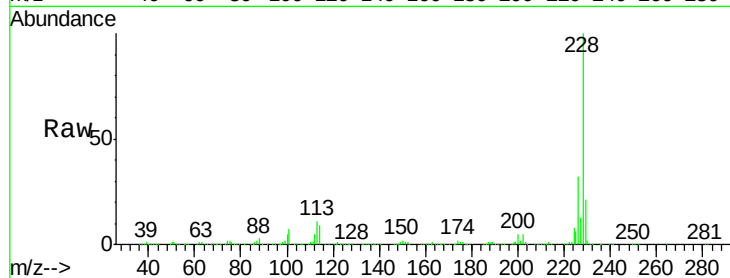
Tgt Ion:228 Resp: 1004542

Ion Ratio Lower Upper

228 100

226 32.0 25.5 38.3

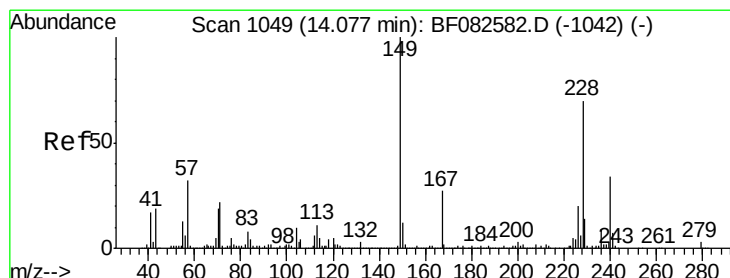
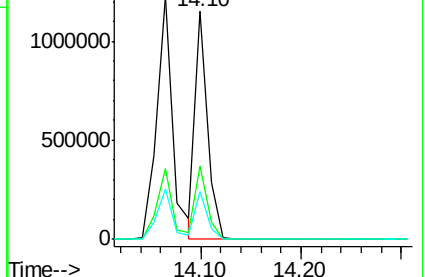
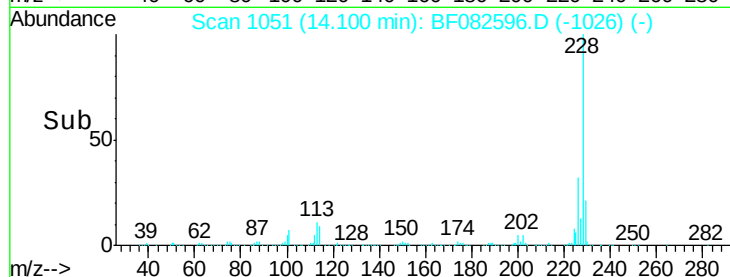
229 20.8 16.3 24.5



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: 38.86 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

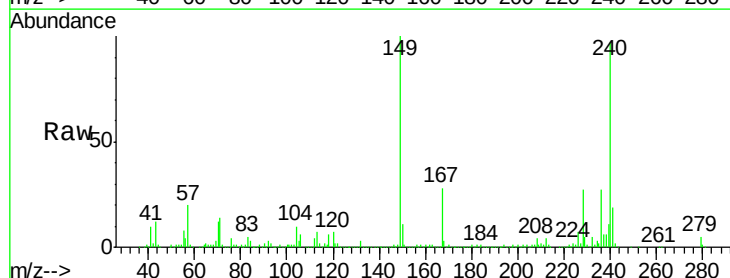
Tgt Ion:149 Resp: 943704

Ion Ratio Lower Upper

149 100

167 27.7 21.2 31.8

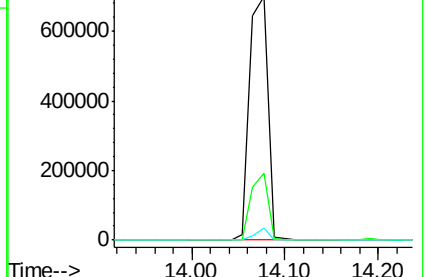
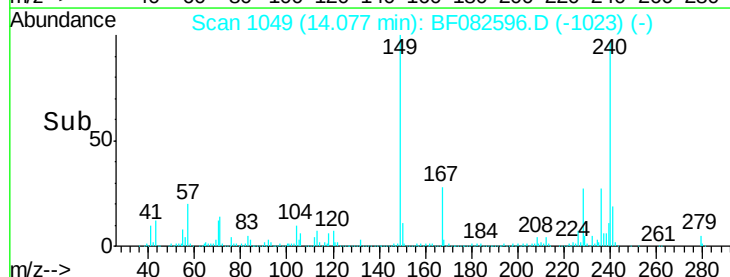
279 4.9 2.2 3.2#

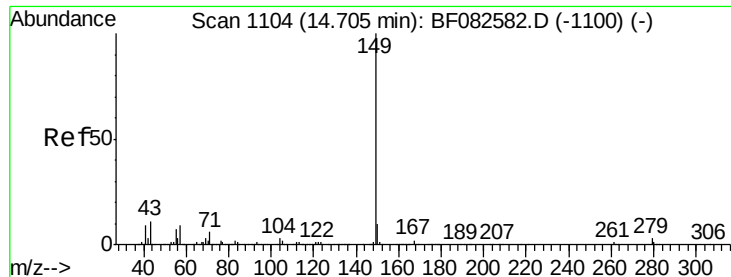


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.02 ng

RT: 14.68 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

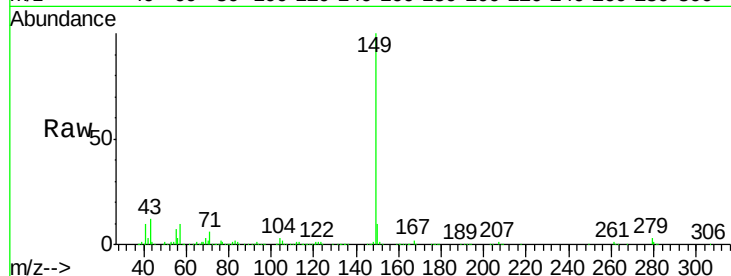
Tgt Ion:149 Resp: 1440116

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

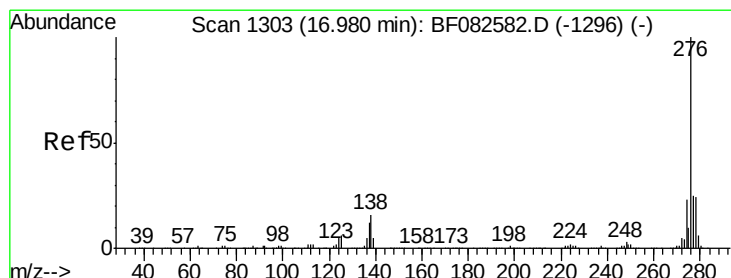
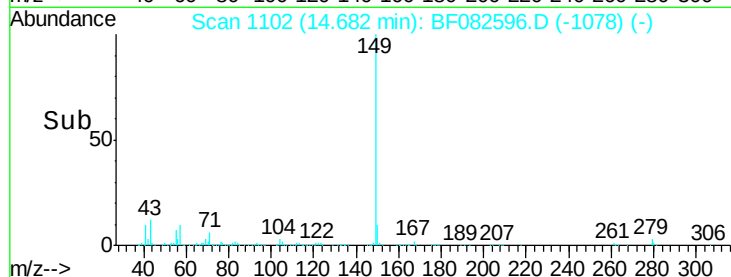
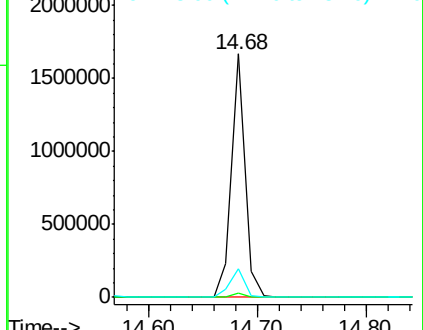
43 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 37.96 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

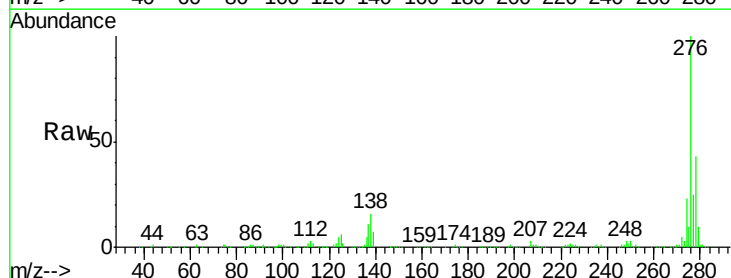
Tgt Ion:276 Resp: 1041670

Ion Ratio Lower Upper

276 100

138 18.3 15.3 22.9

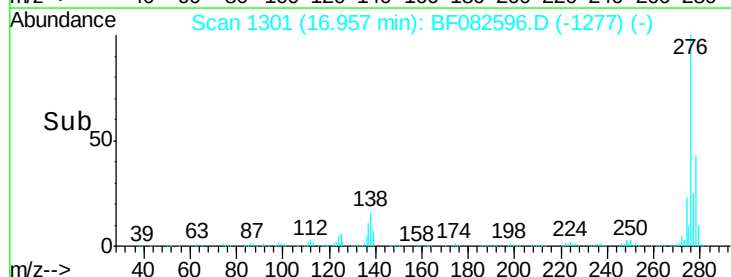
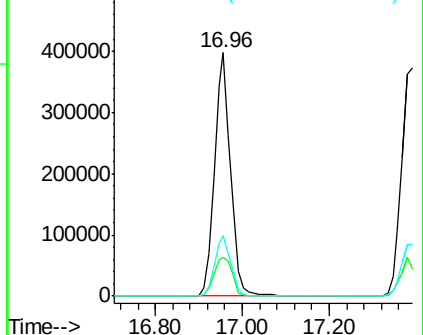
277 25.3 20.2 30.4

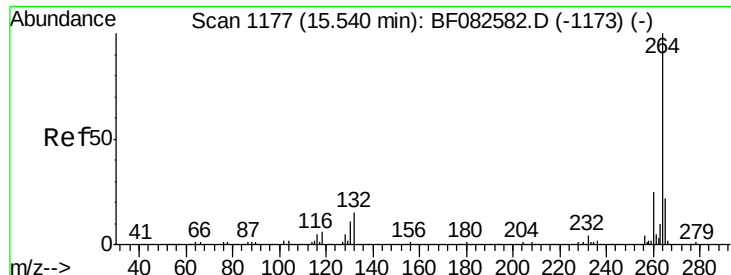


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



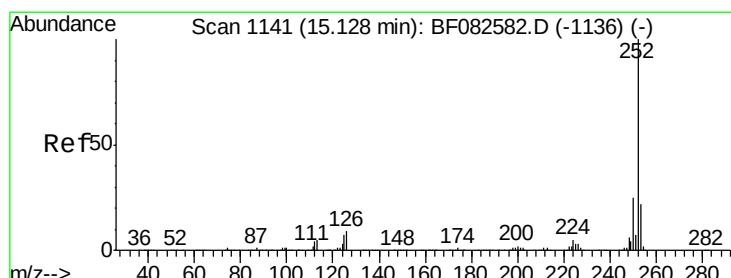
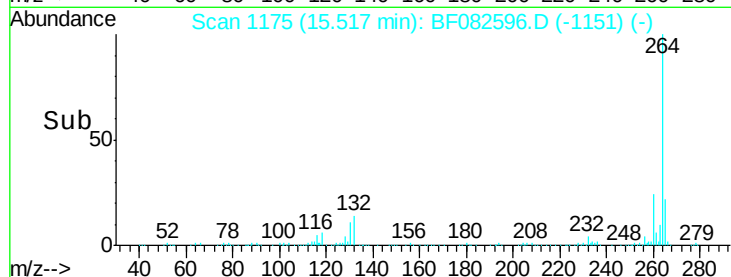
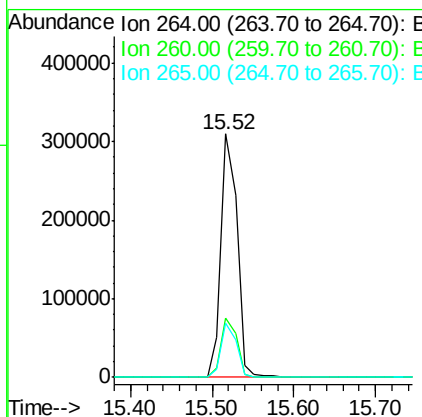
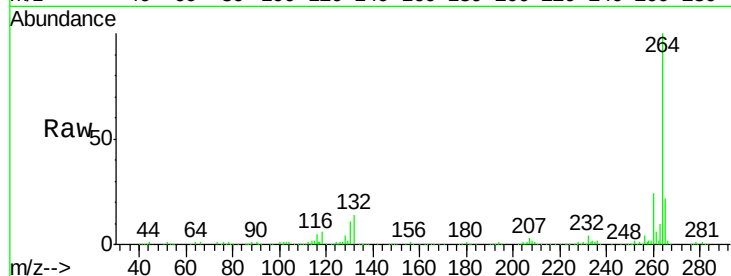


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion: 264 Resp: 425778

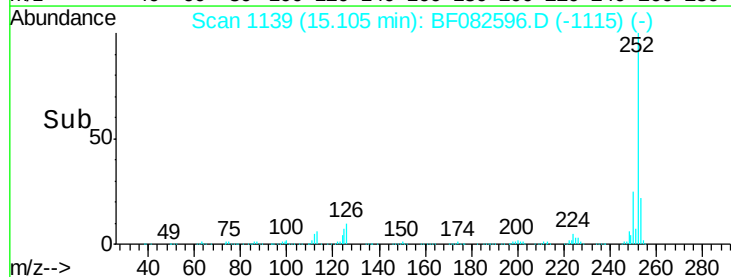
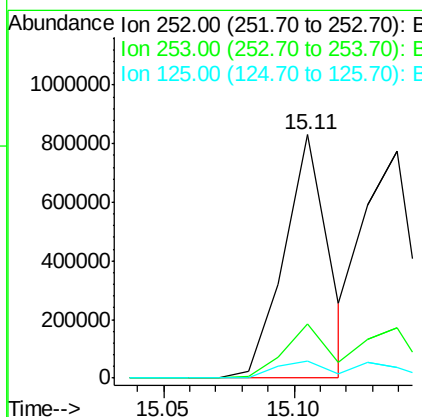
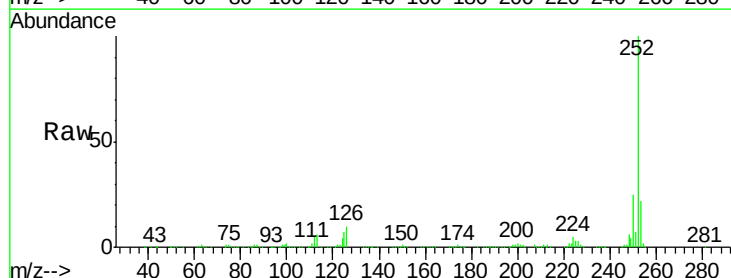
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.0	17.4	26.0

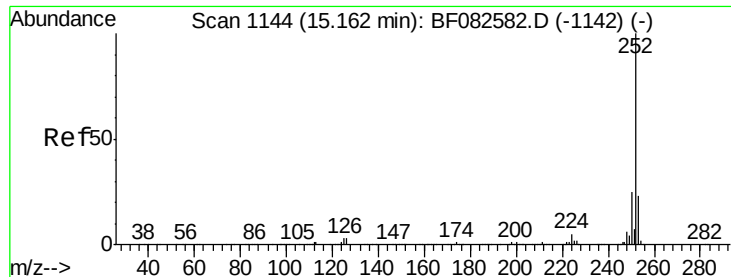


#87
Benzo(b)fluoranthene
Concen: 33.32 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion: 252 Resp: 978362

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	7.3	5.4	8.2

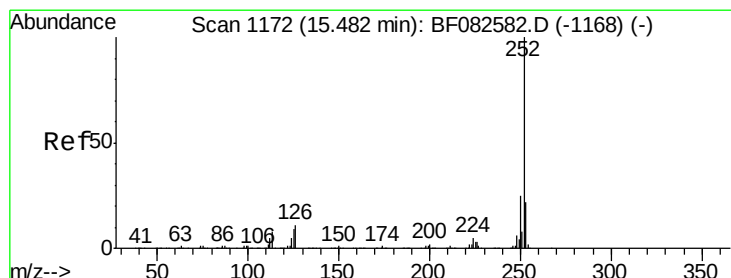
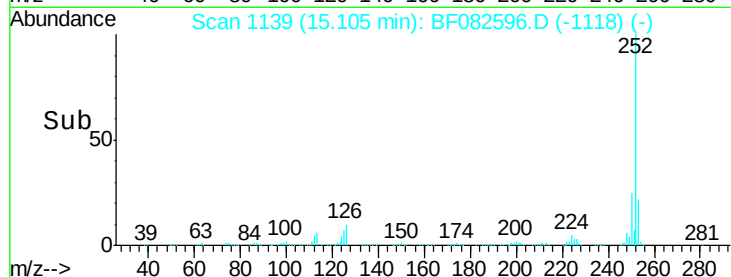
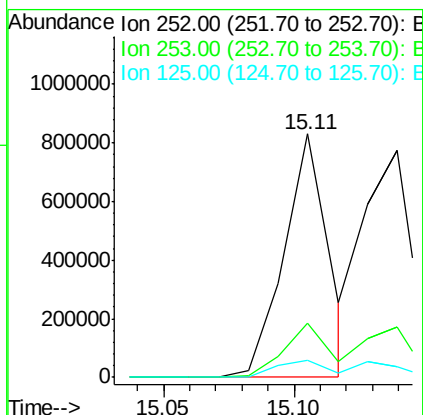
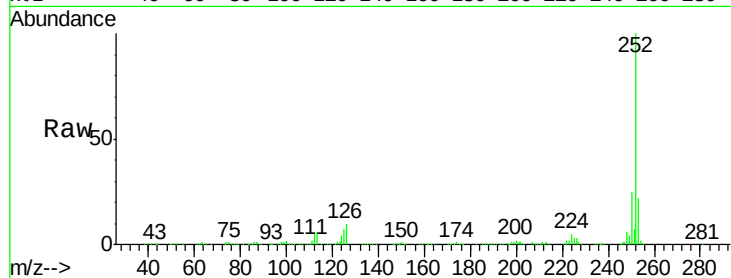




#88
Benzo(k)fluoranthene
Concen: 43.74 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

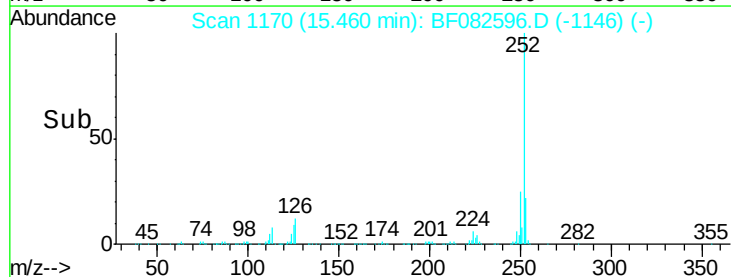
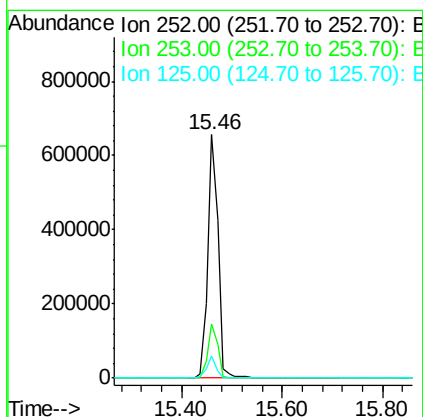
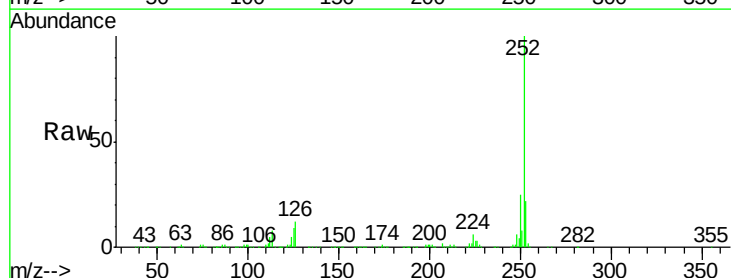
Instrument :
BNA_F
ClientSampleId :
PB86326BS

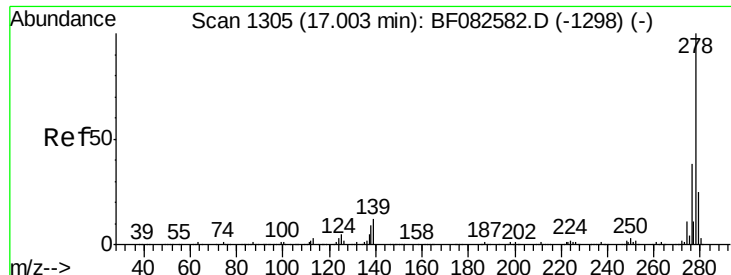
Tgt Ion:252 Resp: 978362
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 7.3 3.5 5.3#



#89
Benzo(a)pyrene
Concen: 40.18 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion:252 Resp: 928975
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.2 7.1 10.7





#90

Dibenzo(a,h)anthracene

Concen: 40.71 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

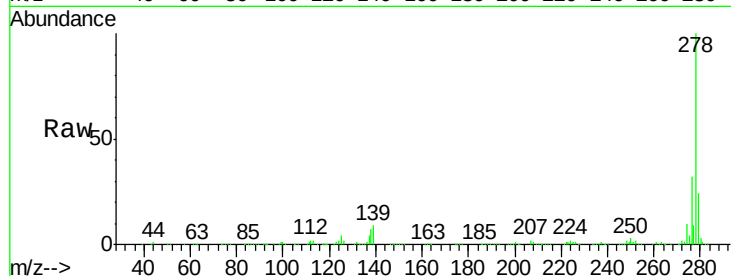
Tgt Ion: 278 Resp: 878375

Ion Ratio Lower Upper

278 100

139 9.5 9.9 14.9#

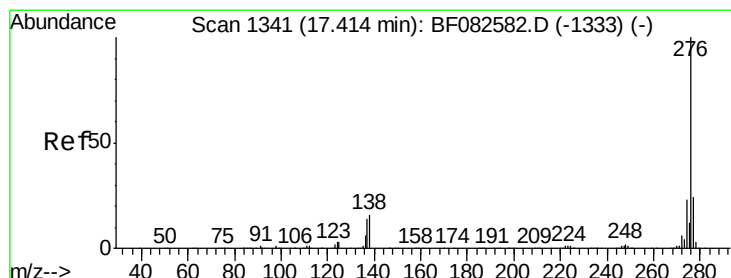
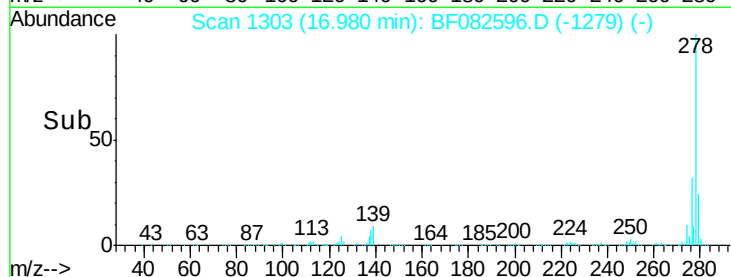
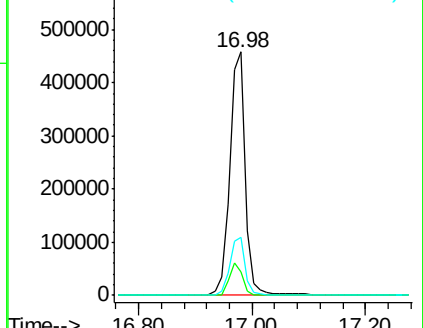
279 23.9 19.6 29.4



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: 41.12 ng

RT: 17.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

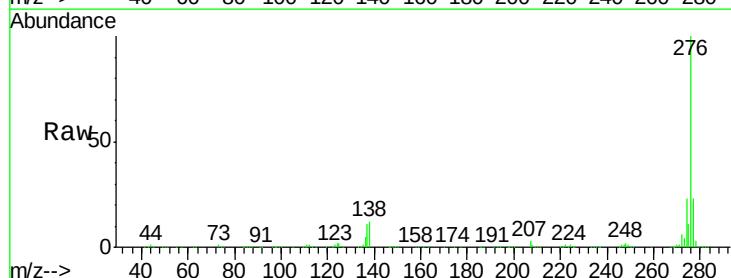
Tgt Ion: 276 Resp: 859686

Ion Ratio Lower Upper

276 100

277 22.8 19.2 28.8

138 12.3 13.1 19.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

