

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082767.D
 Acq On : 6 Nov 2015 18:01
 Operator : UM/IZ
 Sample : PB86432BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Quant Time: Nov 07 03:02:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	245633	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	932460	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	506772	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	935897	20.00	ng	0.00
75) Chrysene-d12	14.01	240	544119	20.00	ng	-0.01
86) Perylene-d12	15.44	264	492246	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	969375	61.40	ng	0.01
7) Phenol-d6	6.49	99	2178563	103.80	ng	0.01
23) Nitrobenzene-d5	7.41	82	1426881	66.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	563384	96.96	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2372619	67.10	ng	0.00
78) Terphenyl-d14	12.96	244	2330089	101.57	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	204017	29.95	ng	94
3) Pyridine	3.24	79	574575	29.07	ng	93
4) n-Nitrosodimethylamine	3.18	42	279753	28.54	ng	# 68
6) Aniline	6.51	93	629759	21.37	ng	94
8) 2-Chlorophenol	6.64	128	623327	35.62	ng	91
9) Benzaldehyde	6.38	77	56685	4.89	ng	96
10) Phenol	6.50	94	923510	38.78	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	626877	35.20	ng	# 82
12) 1,3-Dichlorobenzene	6.78	146	627939	31.81	ng	95
13) 1,4-Dichlorobenzene	6.86	146	631060	30.73	ng	97
14) 1,2-Dichlorobenzene	7.02	146	628504	33.65	ng	98
15) Benzyl Alcohol	6.99	79	568732	30.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	988388	37.84	ng	95
17) 2-Methylphenol	7.10	107	503528	33.97	ng	96
18) Hexachloroethane	7.37	117	237309	32.31	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	457366	29.65	ng	91
20) 3+4-Methylphenols	7.26	107	649831	33.72	ng	93
22) Acetophenone	7.26	105	860779	32.22	ng	# 93
24) Nitrobenzene	7.44	77	704145	32.13	ng	93
25) Isophorone	7.68	82	1299965	32.79	ng	96
26) 2-Nitrophenol	7.74	139	308781	33.76	ng	# 80
27) 2,4-Dimethylphenol	7.79	122	547742	33.33	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	780842	34.91	ng	99
29) 2,4-Dichlorophenol	8.00	162	541743	36.47	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	534336	31.99	ng	98
31) Naphthalene	8.16	128	1626169	31.61	ng	99
32) Benzoic acid	7.92	122	378034	33.59	ng	85
33) 4-Chloroaniline	8.20	127	367855	16.59	ng	# 91
34) Hexachlorobutadiene	8.28	225	316371	30.26	ng	98
35) Caprolactam	8.57	113	121556	25.96	ng	# 90
36) 4-Chloro-3-methylphenol	8.69	107	621130	35.56	ng	# 84
37) 2-Methylnaphthalene	8.94	142	999659	30.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	514437	30.89	ng	98
40) Hexachlorocyclopentadiene	9.01	237	650664	72.72	ng	99

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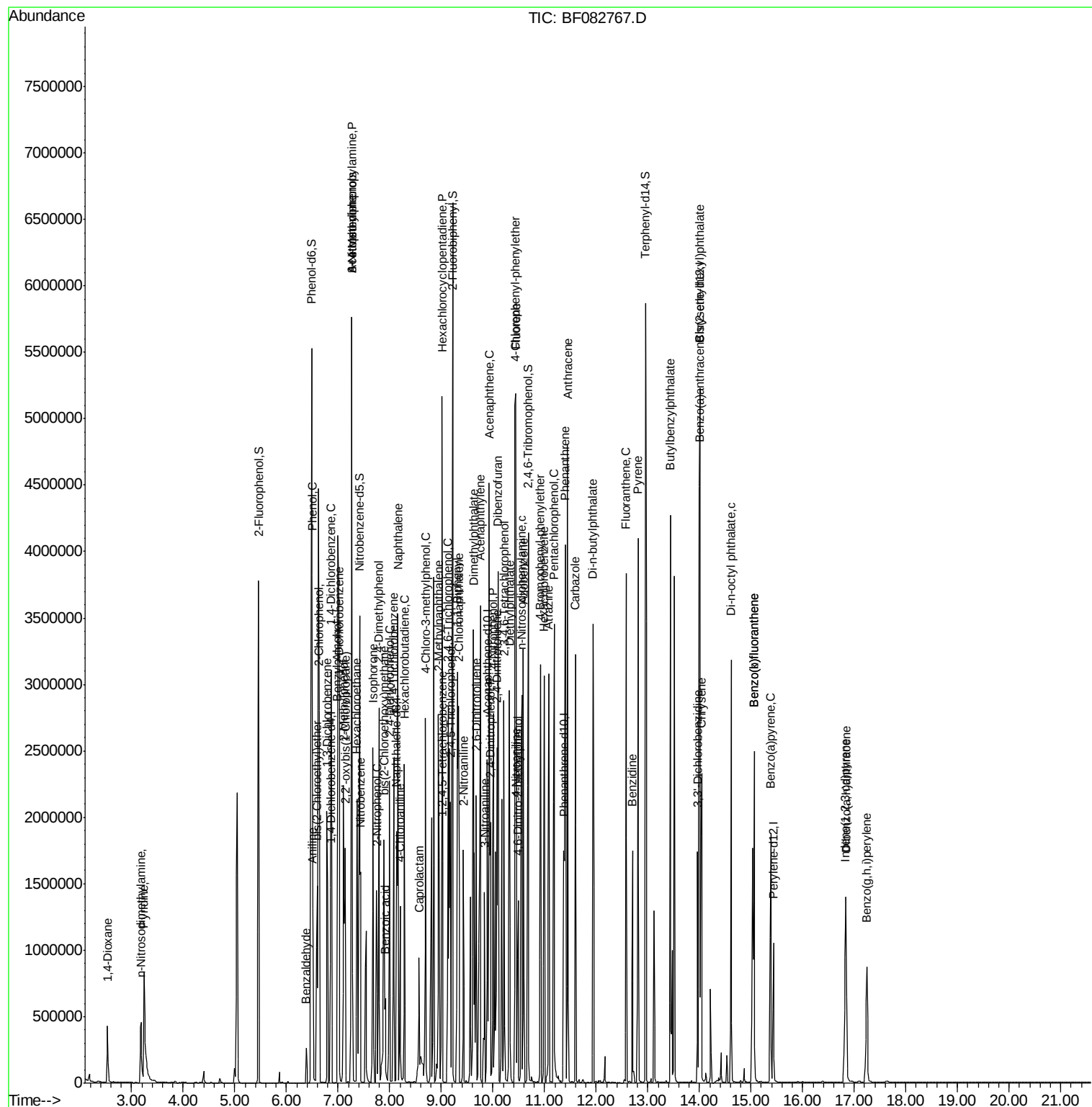
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	392087	31.54	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	396763	32.27	ng	# 83
45) 1,1'-Biphenyl	9.31	154	1297629	29.84	ng	94
46) 2-Chloronaphthalene	9.33	162	1052699	31.03	ng	95
47) 2-Nitroaniline	9.42	65	365433	29.04	ng	# 86
48) Acenaphthylene	9.76	152	1817179	34.18	ng	99
49) Dimethylphthalate	9.62	163	1366143	32.90	ng	99
50) 2,6-Dinitrotoluene	9.68	165	324441	36.62	ng	# 79
51) Acenaphthene	9.93	154	1294210	38.41	ng	99
52) 3-Nitroaniline	9.84	138	192778	19.79	ng	83
53) 2,4-Dinitrophenol	9.95	184	392332	80.66	ng	# 9
54) Dibenzofuran	10.10	168	1556228	34.26	ng	91
55) 4-Nitrophenol	10.01	139	542592	72.59	ng	90
56) 2,4-Dinitrotoluene	10.08	165	392457	32.65	ng	95
57) Fluorene	10.44	166	1250982	34.01	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	338537	33.74	ng	# 90
59) Diethylphthalate	10.32	149	1279429	31.56	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	534057	29.01	ng	# 87
61) 4-Nitroaniline	10.45	138	297675	30.38	ng	# 76
62) Azobenzene	10.59	77	1465146	33.65	ng	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	258571	38.78	ng	92
65) n-Nitrosodiphenylamine	10.56	169	1116224	33.01	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	368654	32.71	ng	# 85
67) Hexachlorobenzene	10.99	284	409152	32.52	ng	# 73
68) Atrazine	11.08	200	399559	38.22	ng	97
69) Pentachlorophenol	11.18	266	535953	70.14	ng	100
70) Phenanthrene	11.40	178	1923612	35.39	ng	99
71) Anthracene	11.45	178	1739986	30.39	ng	99
72) Carbazole	11.60	167	1665714	33.24	ng	99
73) Di-n-butylphthalate	11.94	149	1961989	31.42	ng	99
74) Fluoranthene	12.58	202	1836587	31.49	ng	96
76) Benzidine	12.71	184	755539	41.43	ng	99
77) Pyrene	12.81	202	1897739	50.79	ng	99
79) Butylbenzylphthalate	13.44	149	864623	52.38	ng	99
80) Benzo(a)anthracene	14.00	228	1335736	39.26	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	338261	27.96	ng	# 98
82) Chrysene	14.04	228	1172499	37.62	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	873466	38.66	ng	# 98
84) Di-n-octyl phthalate	14.61	149	1361659	36.13	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	939277	35.00	ng	99
87) Benzo(b)fluoranthene	15.06	252	2074190	65.65	ng	98
88) Benzo(k)fluoranthene	15.06	252	2074212	74.00	ng	# 97
89) Benzo(a)pyrene	15.38	252	977352	35.70	ng	99
90) Dibenzo(a,h)anthracene	16.84	278	786259	33.92	ng	99
91) Benzo(g,h,i)perylene	17.24	276	743228	33.47	ng	98

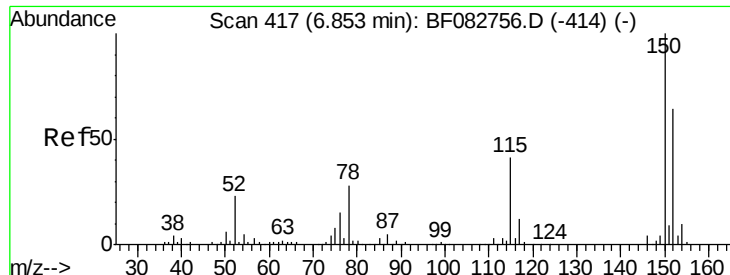
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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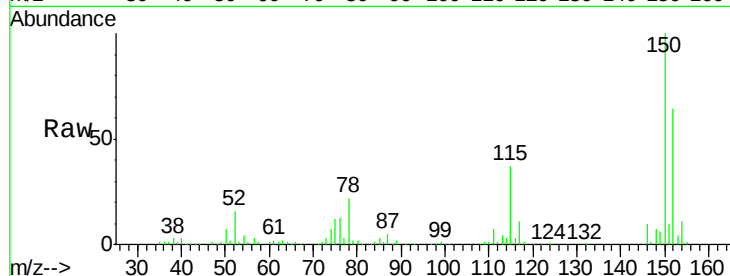




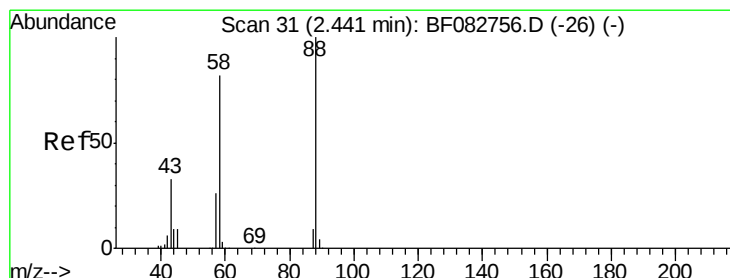
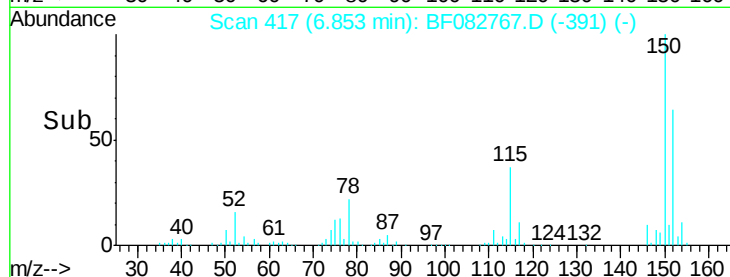
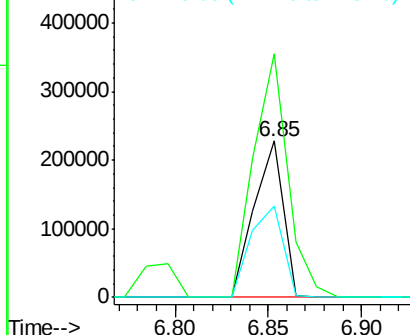
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tgt Ion:152 Resp: 245633
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.0 190.4
 115 58.1 47.0 70.6

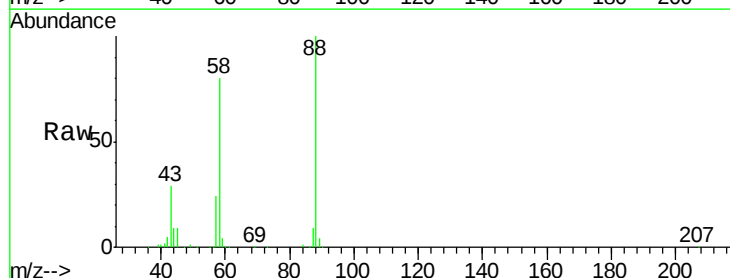


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

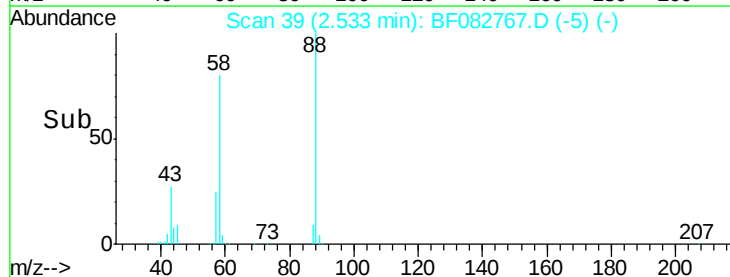
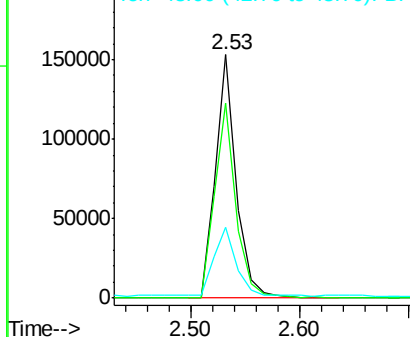


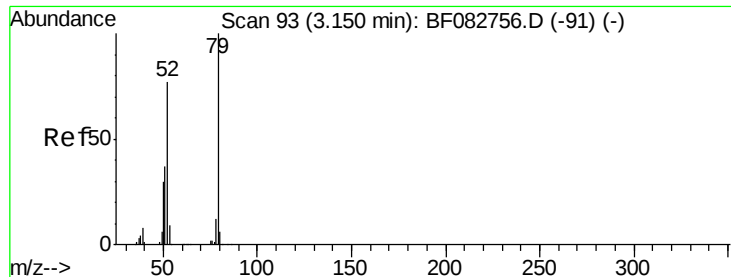
#2
 1,4-Dioxane
 Concen: 29.95 ng
 RT: 2.53 min Scan# 39
 Delta R.T. 0.09 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion: 88 Resp: 204017
 Ion Ratio Lower Upper
 88 100
 58 83.4 62.0 93.0
 43 30.8 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: 29.07 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

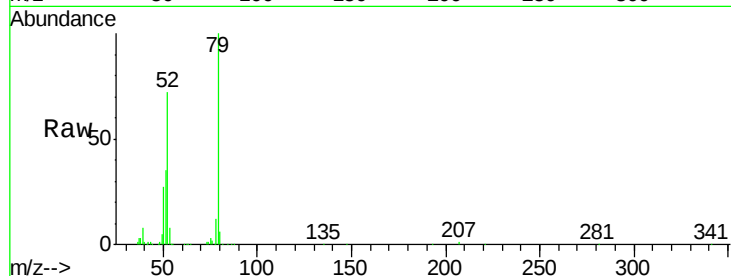
Tgt Ion: 79 Resp: 574575

Ion Ratio Lower Upper

79 100

52 72.3 62.8 94.2

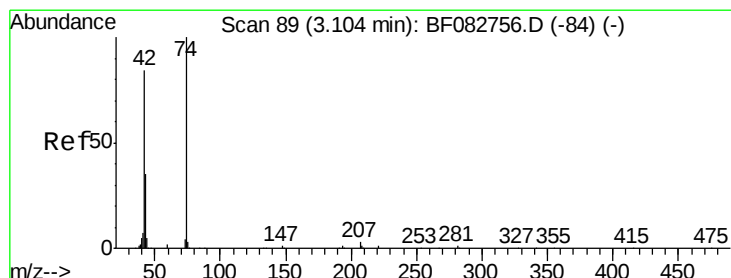
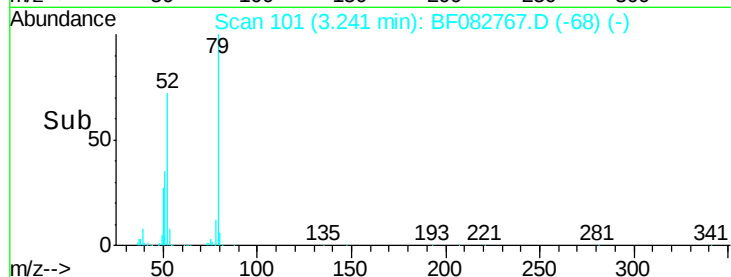
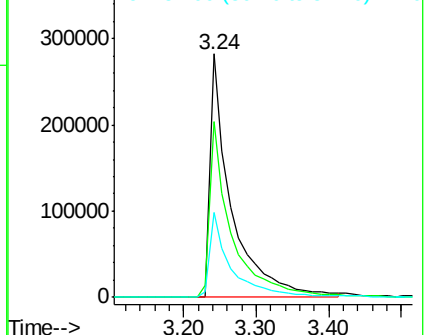
51 35.1 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.54 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

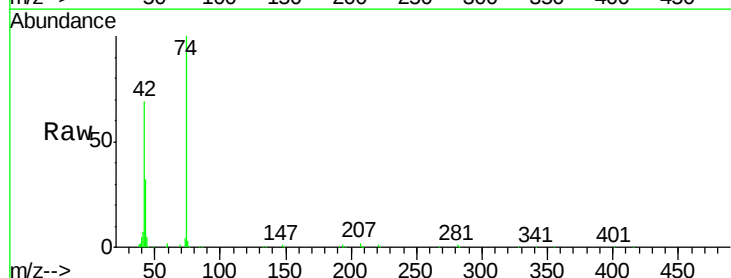
Tgt Ion: 42 Resp: 279753

Ion Ratio Lower Upper

42 100

74 144.6 87.0 130.4#

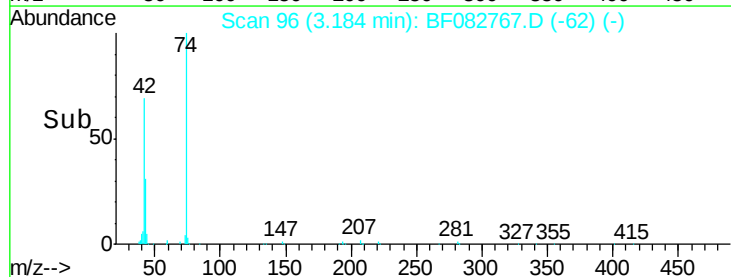
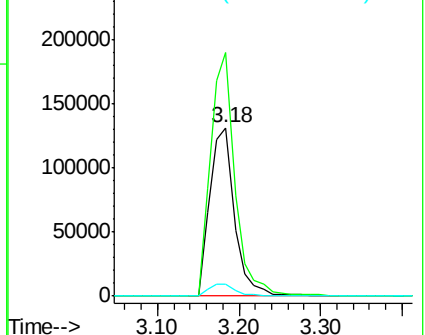
44 7.1 5.8 8.8

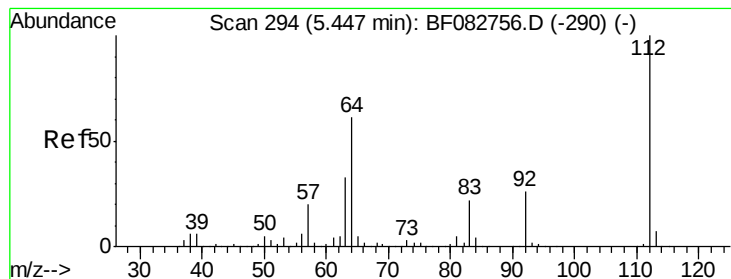


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 61.40 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

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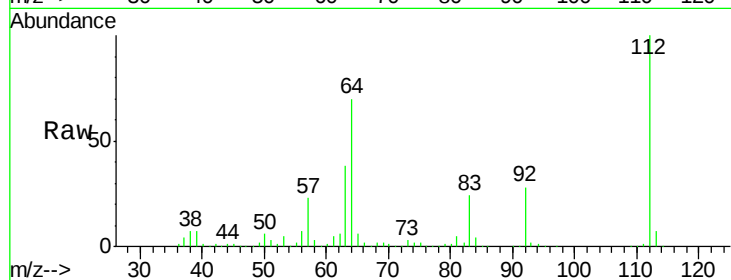
Tgt Ion: 112 Resp: 969375

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

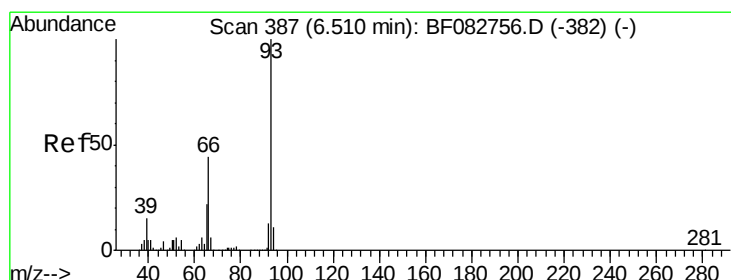
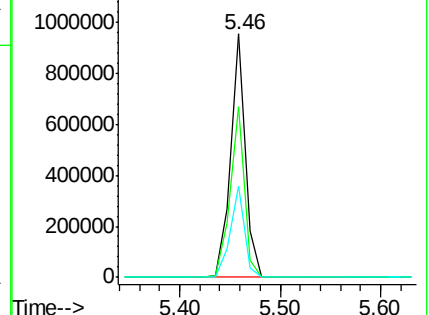
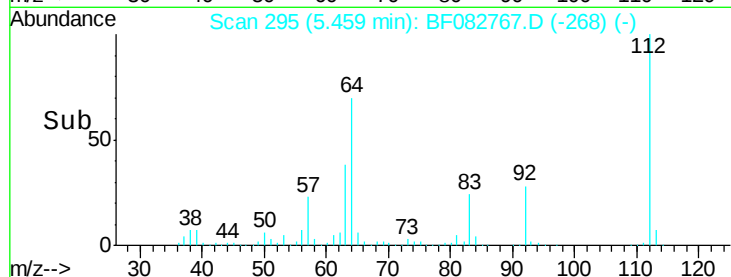
63 37.7 28.1 42.1



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: 21.37 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

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Acq: 6 Nov 2015 18:01

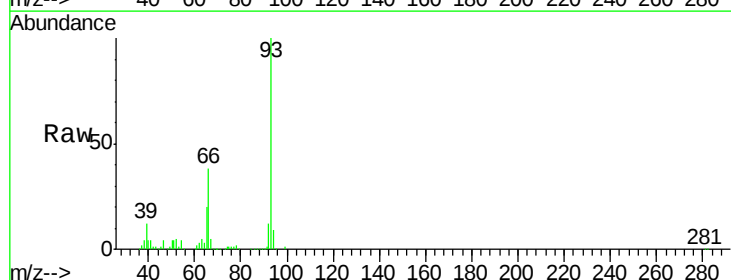
Tgt Ion: 93 Resp: 629759

Ion Ratio Lower Upper

93 100

66 37.9 33.6 50.4

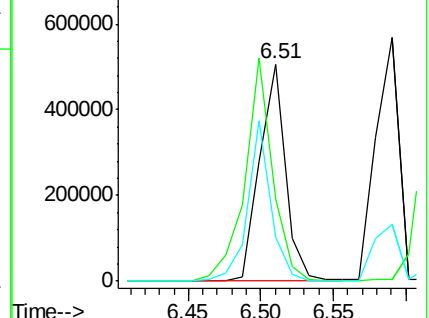
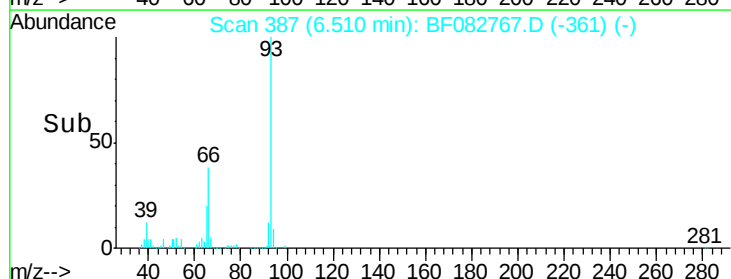
65 20.1 18.1 27.1



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: 103.80 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082767.D

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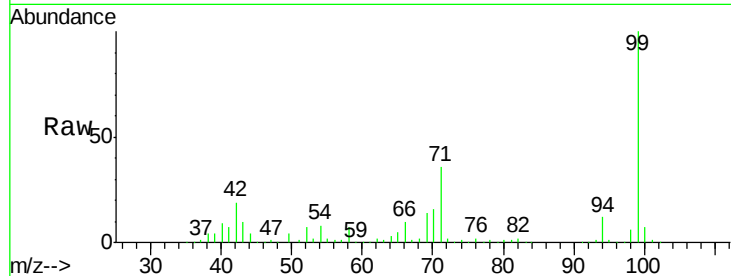
Tgt Ion: 99 Resp: 2178563

Ion Ratio Lower Upper

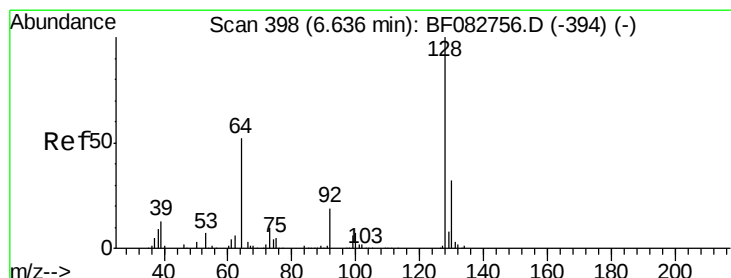
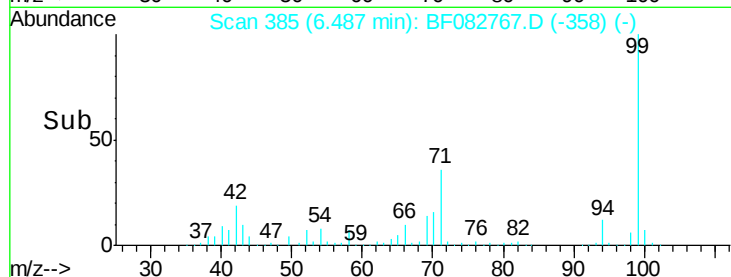
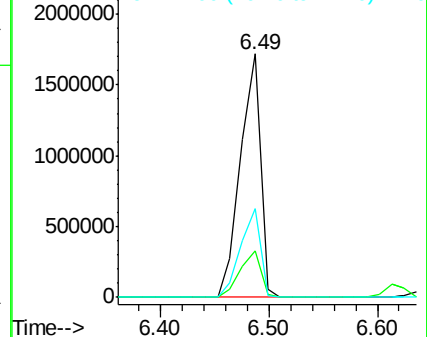
99 100

42 19.0 19.2 28.8#

71 36.2 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: 35.62 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

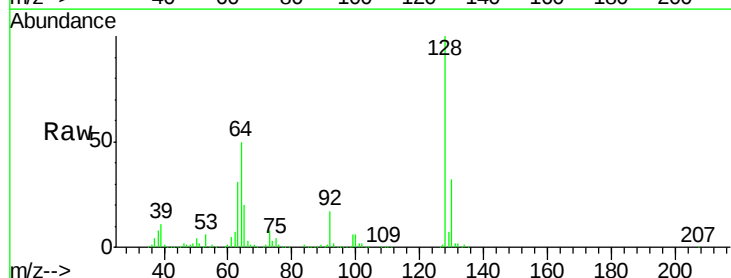
Tgt Ion: 128 Resp: 623327

Ion Ratio Lower Upper

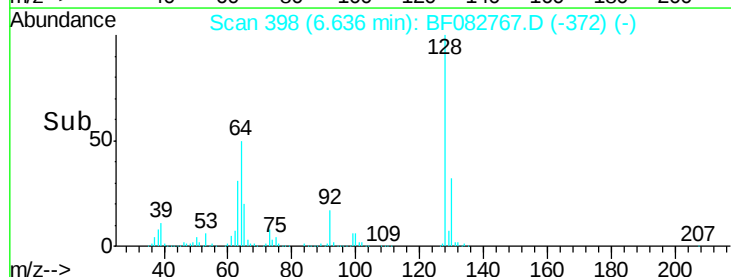
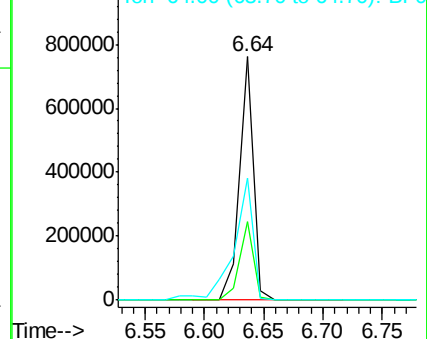
128 100

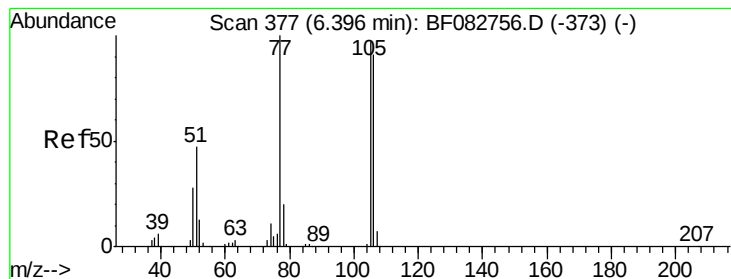
130 32.5 13.5 53.5

64 49.9 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: 4.89 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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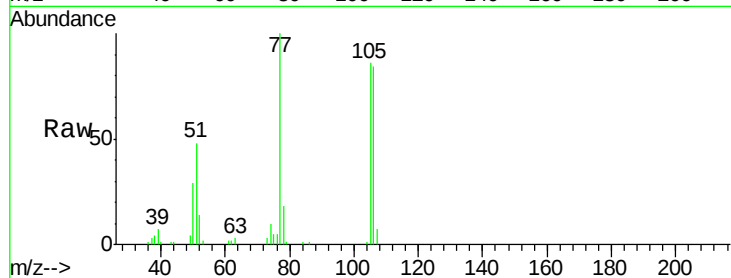
Tgt Ion: 77 Resp: 56685

Ion Ratio Lower Upper

77 100

105 85.7 63.5 103.5

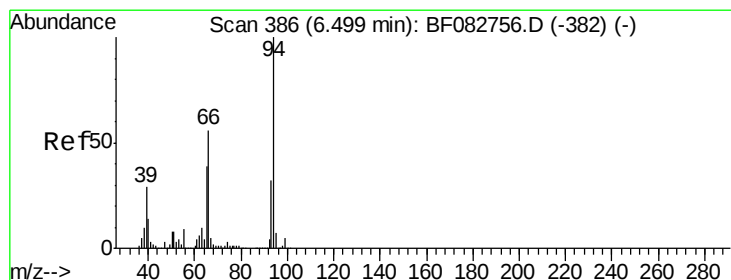
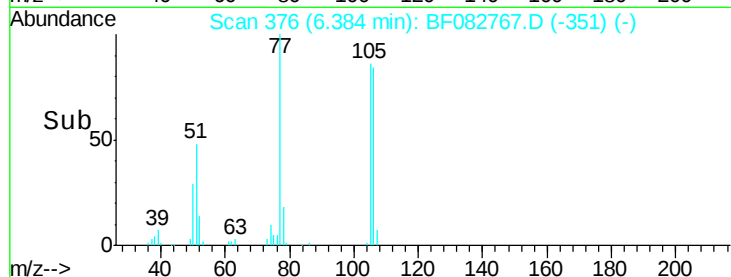
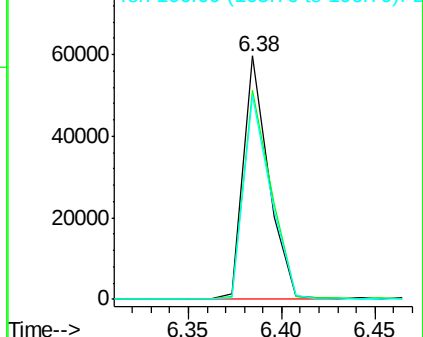
106 83.8 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.78 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

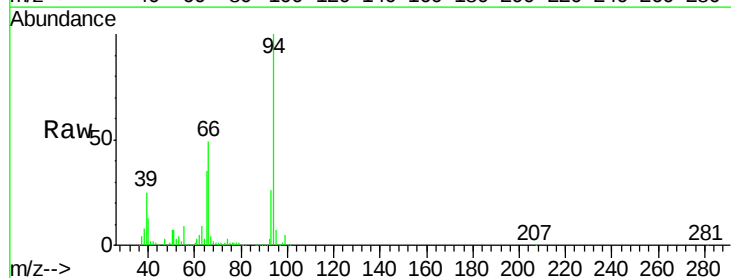
Tgt Ion: 94 Resp: 923510

Ion Ratio Lower Upper

94 100

65 35.4 18.9 58.9

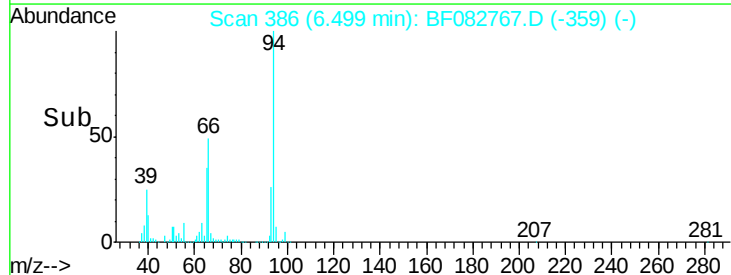
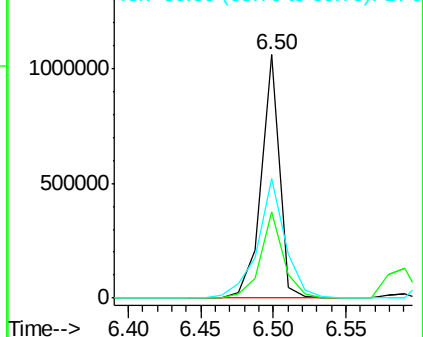
66 49.0 34.9 74.9

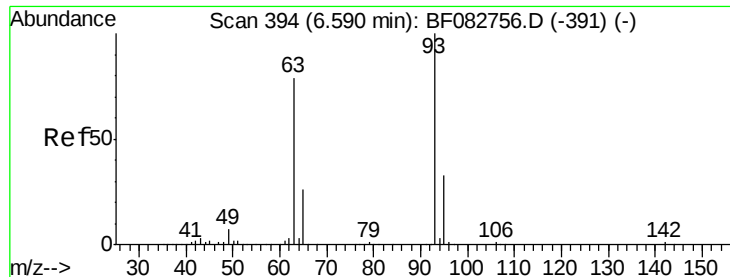


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.20 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

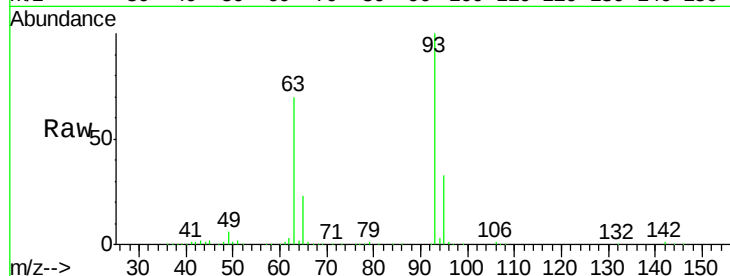
Tgt Ion: 93 Resp: 626877

Ion Ratio Lower Upper

93 100

63 70.4 72.7 112.7#

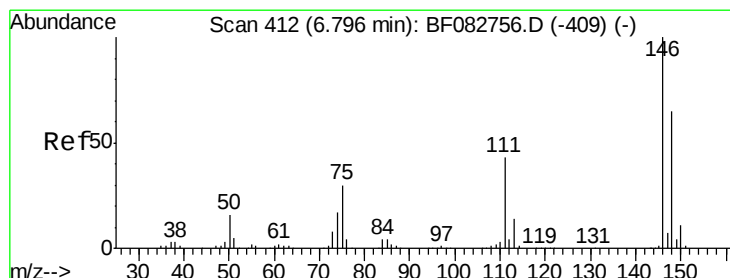
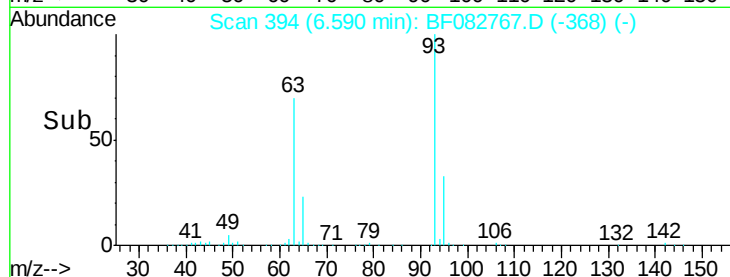
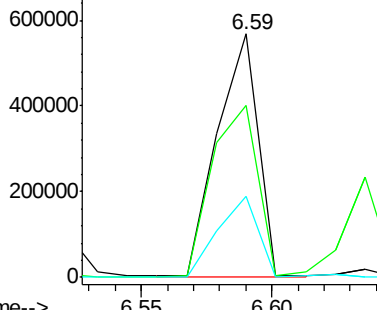
95 33.4 12.0 52.0



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: 31.81 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

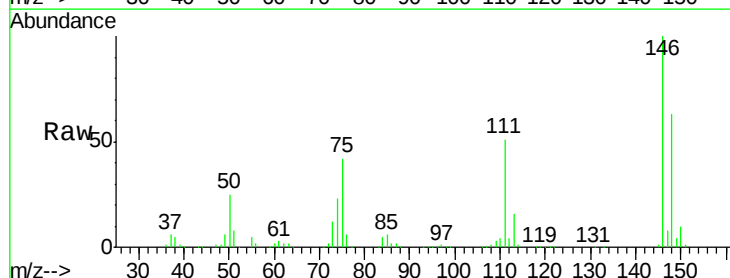
Tgt Ion: 146 Resp: 627939

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

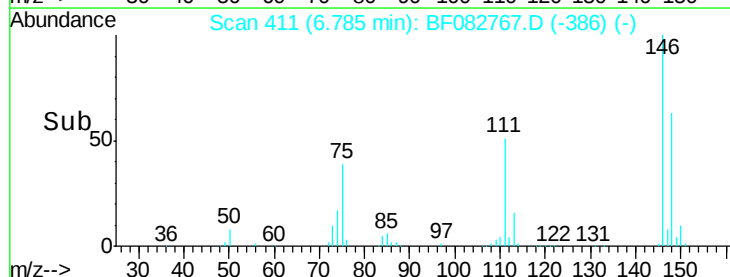
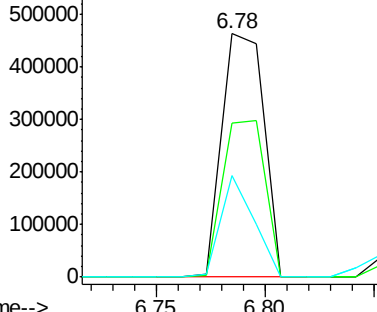
75 41.6 39.5 59.3

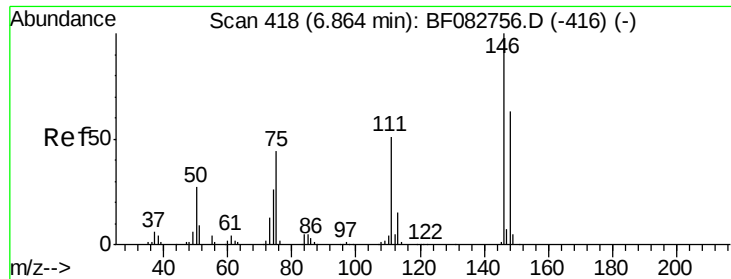


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

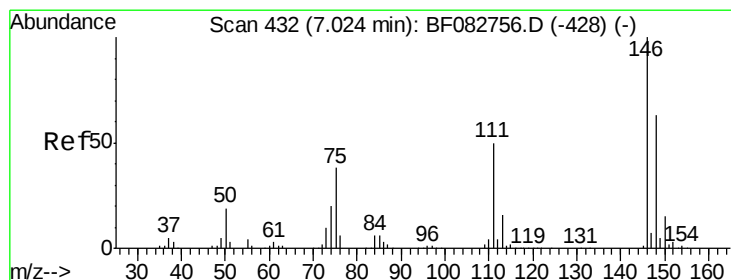
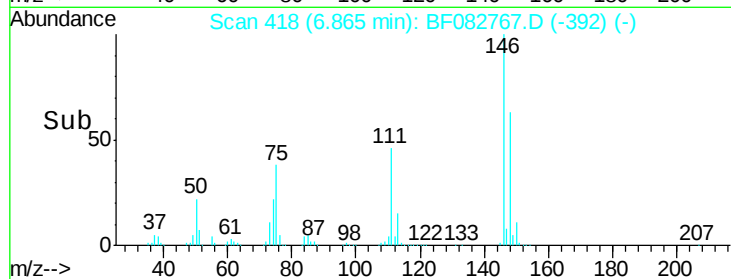
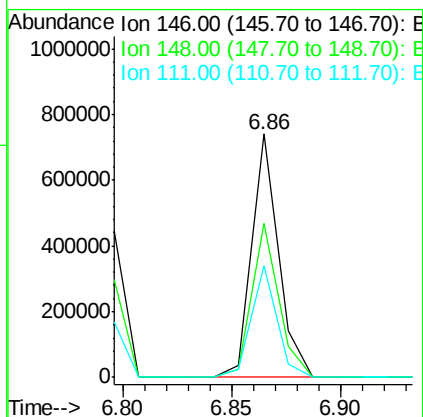
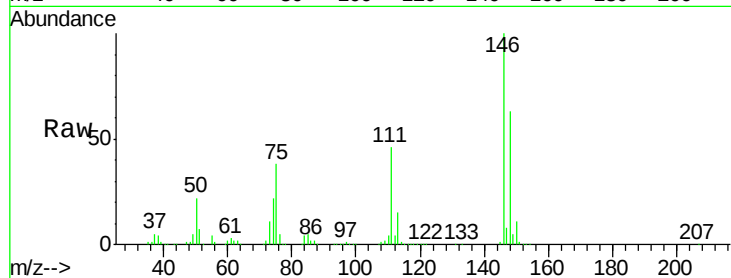




#13
 1,4-Dichlorobenzene
 Concen: 30.73 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

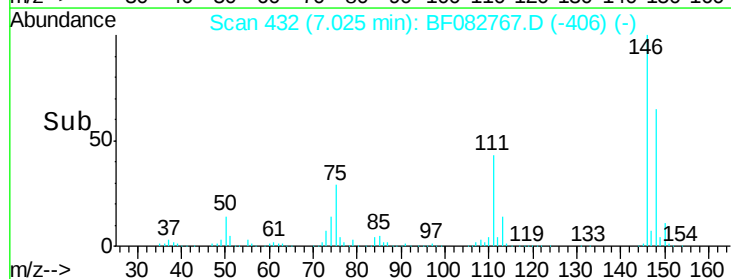
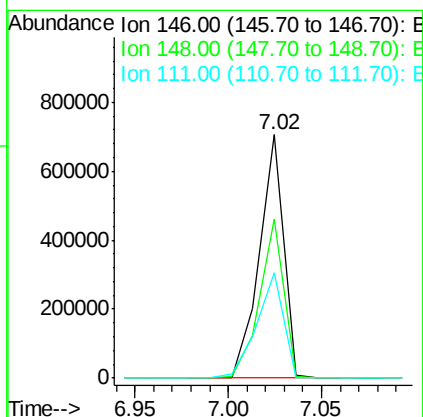
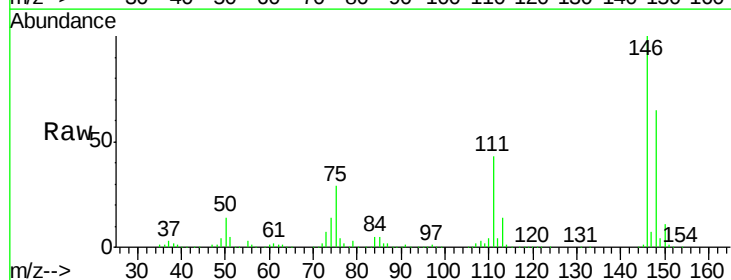
Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

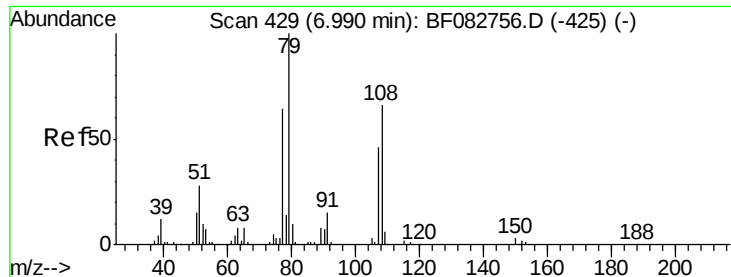
Tgt Ion:146 Resp: 631060
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 45.9 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 33.65 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:146 Resp: 628504
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.4
 111 43.2 36.6 55.0





#15

Benzyl Alcohol

Concen: 30.86 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

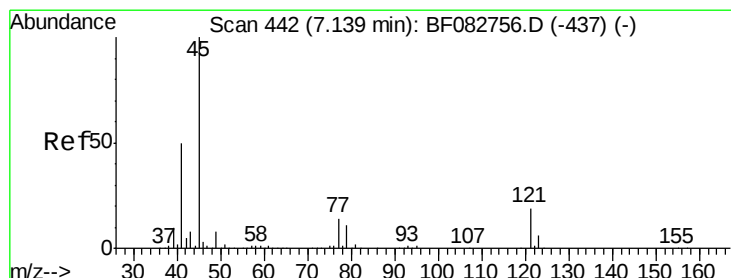
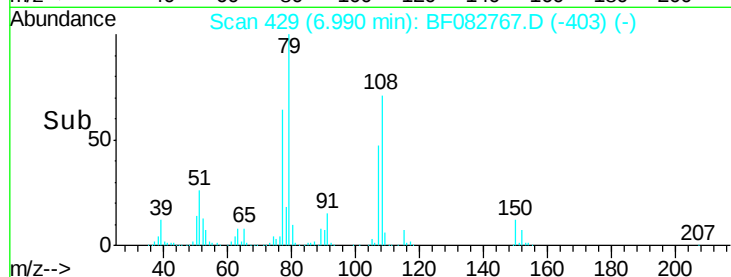
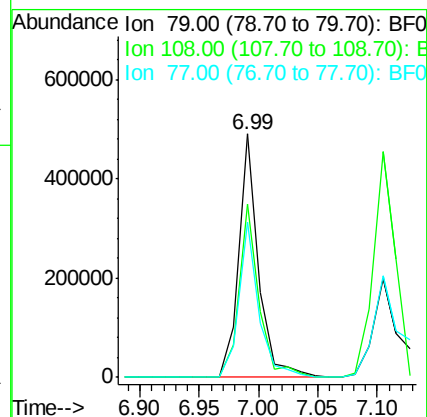
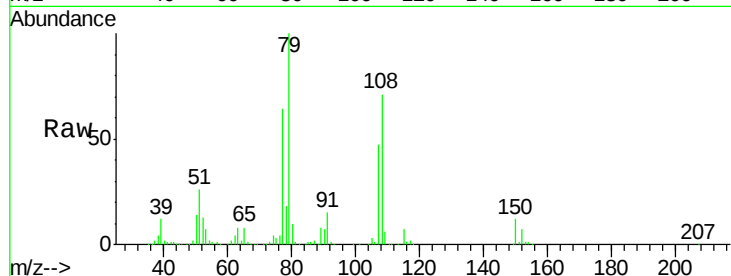
Tgt Ion: 79 Resp: 568732

Ion Ratio Lower Upper

79 100

108 71.0 52.2 78.4

77 63.5 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.84 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

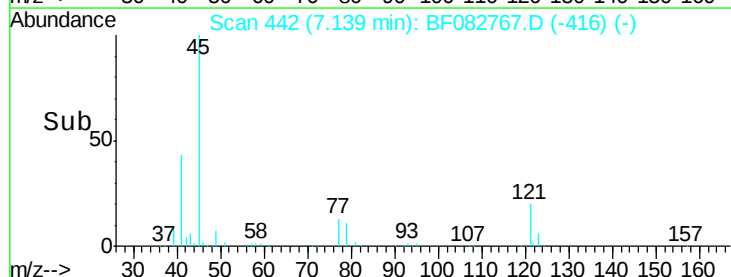
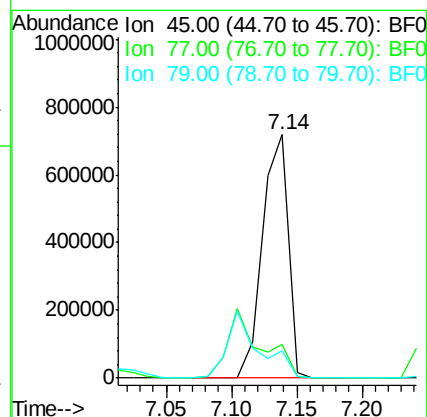
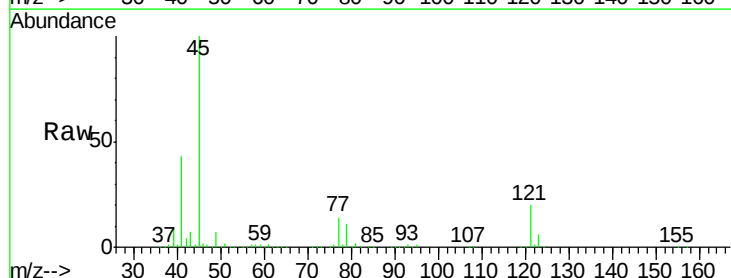
Tgt Ion: 45 Resp: 988388

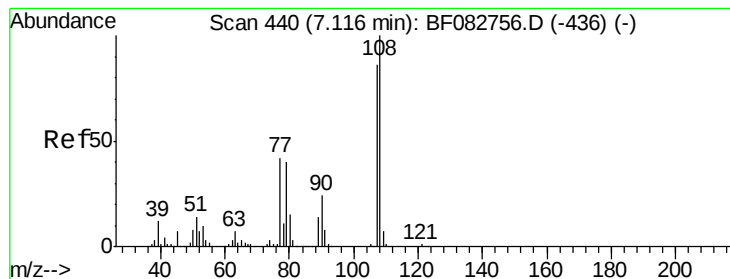
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.6

79 11.5 0.0 29.2





#17

2-Methylphenol

Concen: 33.97 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tgt Ion:107 Resp: 503528

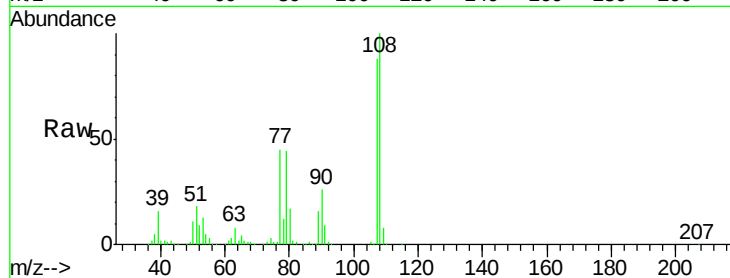
Ion Ratio Lower Upper

107 100

108 113.9 93.0 139.4

77 51.4 44.1 66.1

79 50.0 43.6 65.4



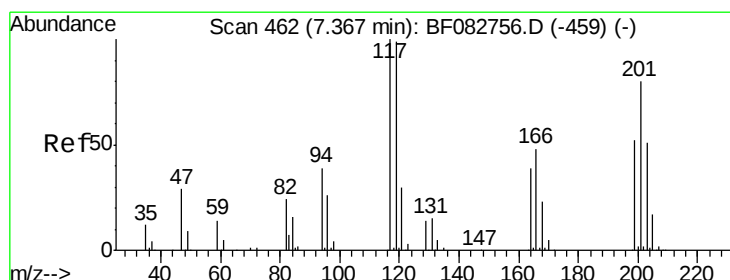
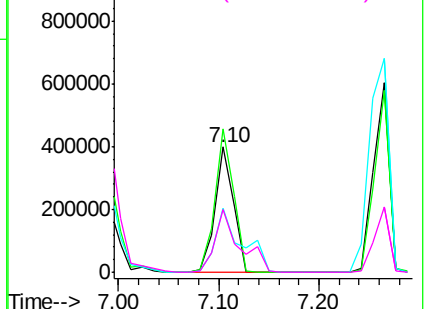
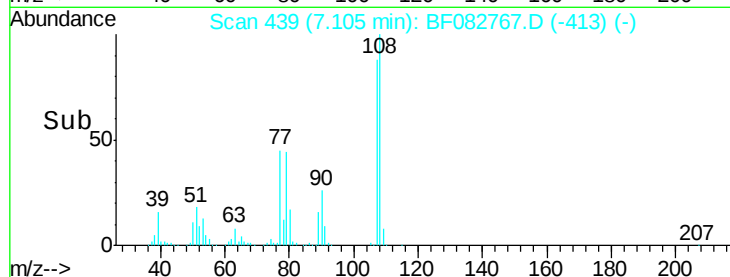
Abundance

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: 32.31 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

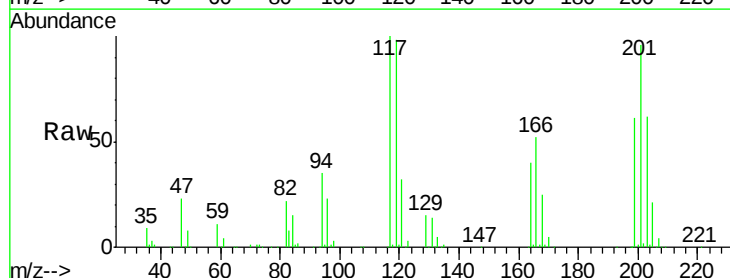
Tgt Ion:117 Resp: 237309

Ion Ratio Lower Upper

117 100

119 97.7 77.7 116.5

201 96.2 66.7 100.1

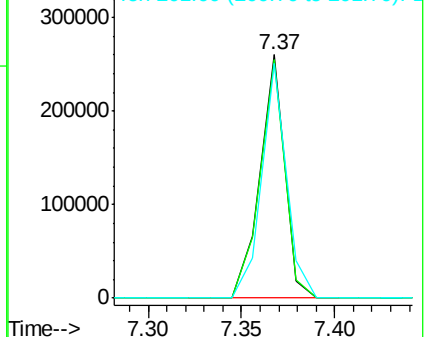
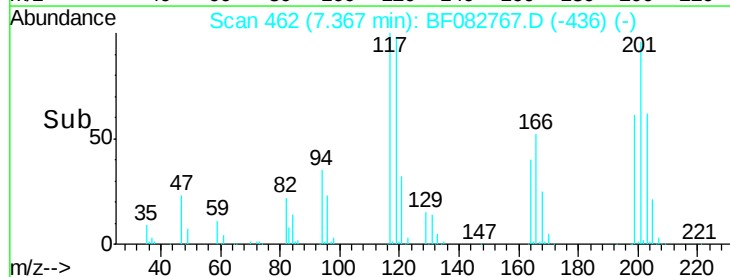


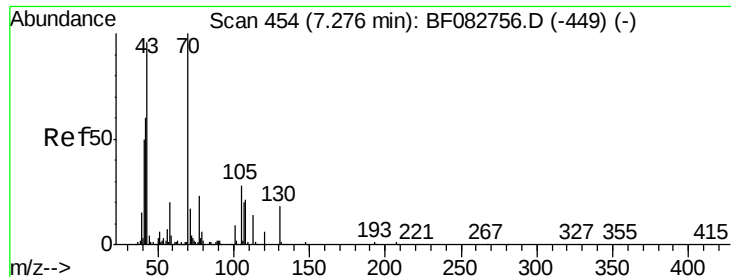
Abundance

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

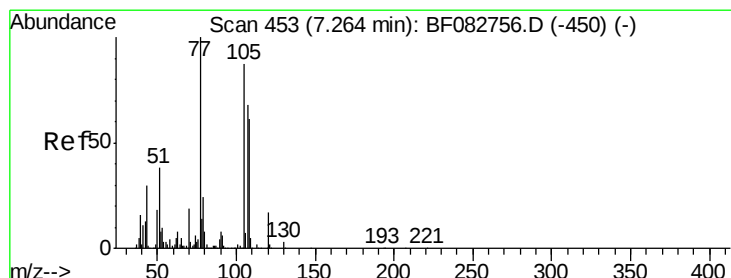
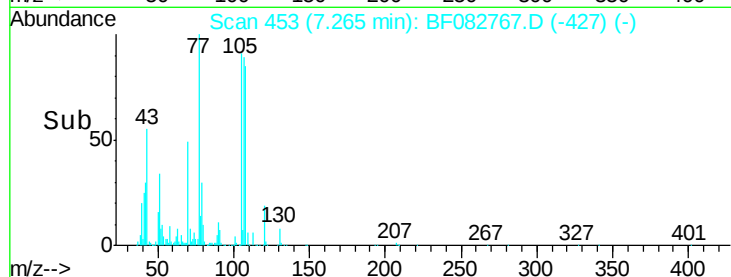
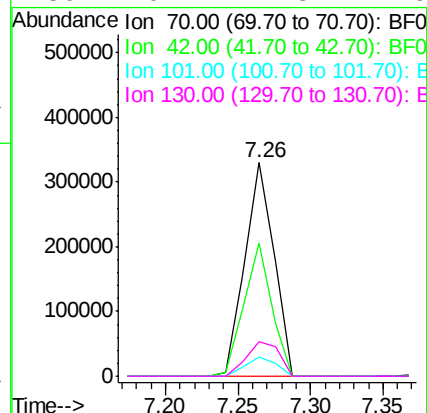
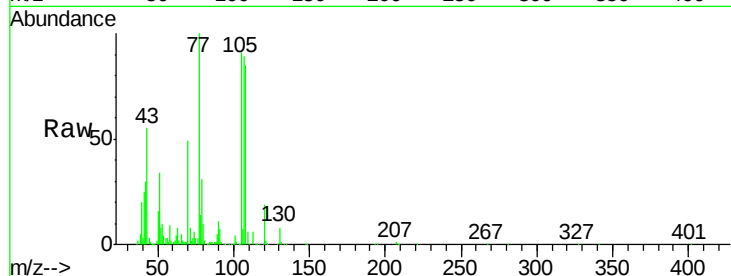




#19
 n-Nitroso-di-n-propylamine
 Concen: 29.65 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

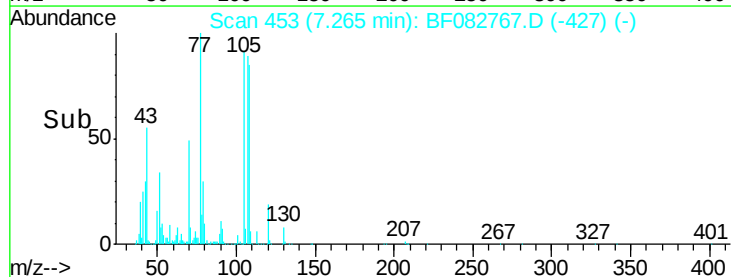
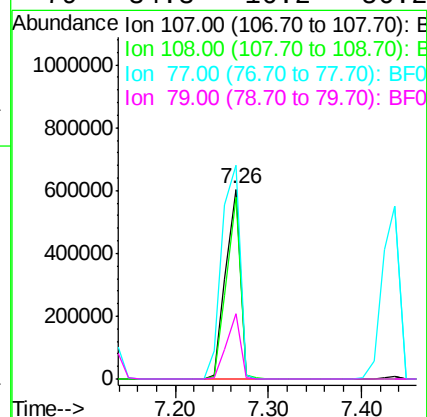
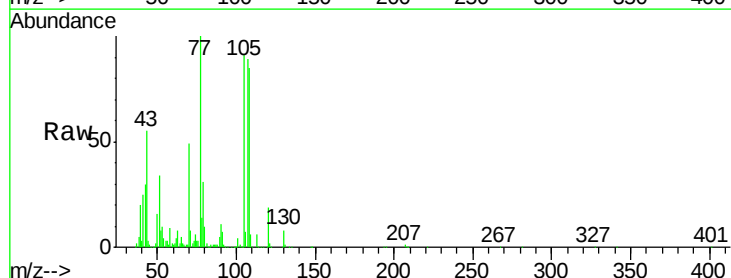
Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

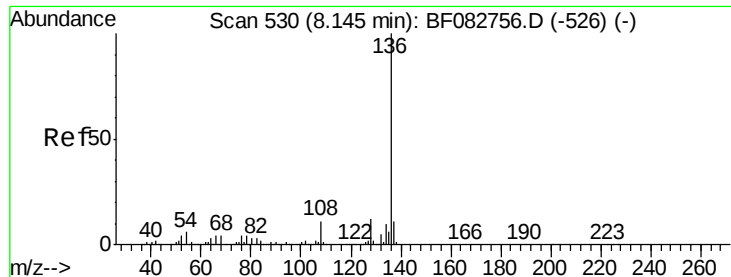
Tgt Ion: 70 Resp: 457366
 Ion Ratio Lower Upper
 70 100
 42 62.4 57.7 86.5
 101 8.8 7.0 10.6
 130 16.2 11.8 17.6



#20
 3+4-Methylphenols
 Concen: 33.72 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion: 107 Resp: 649831
 Ion Ratio Lower Upper
 107 100
 108 95.9 67.3 107.3
 77 112.5 100.3 140.3
 79 34.3 16.2 56.2

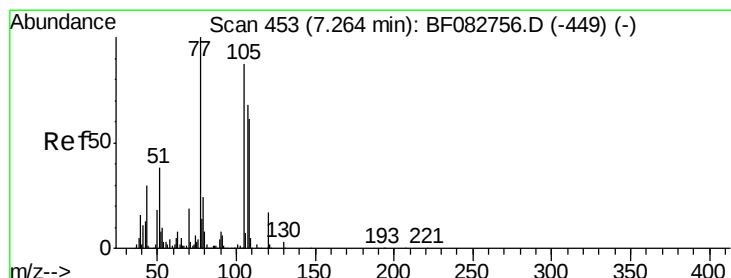
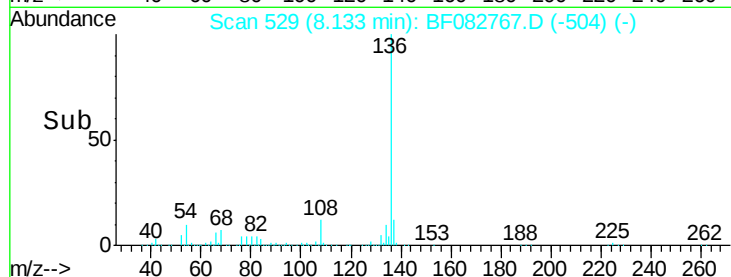
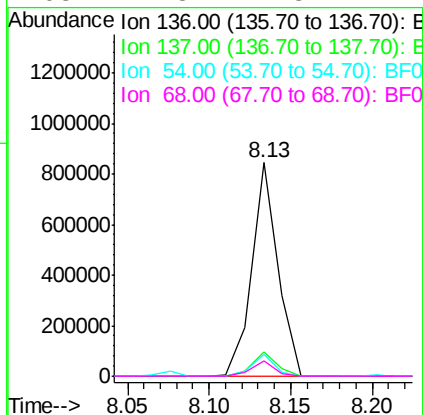
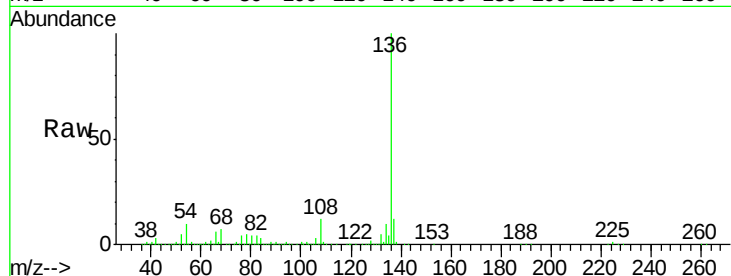




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

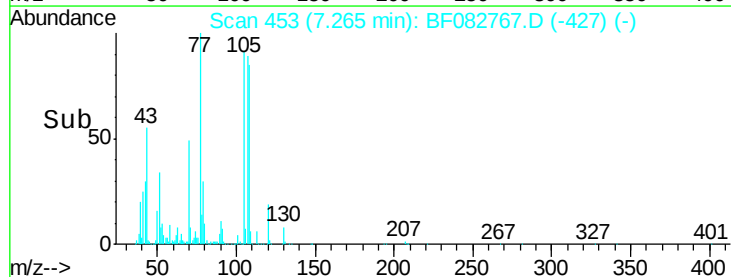
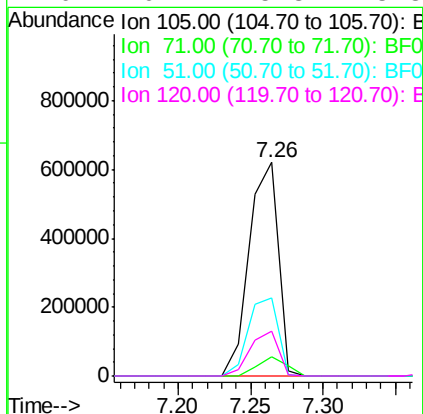
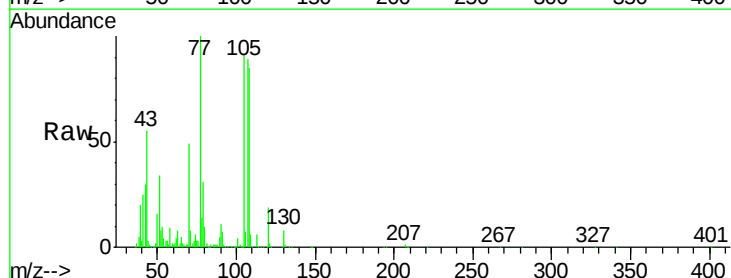
Instrument :
BNA_F
ClientSampleId :
PB86432BS

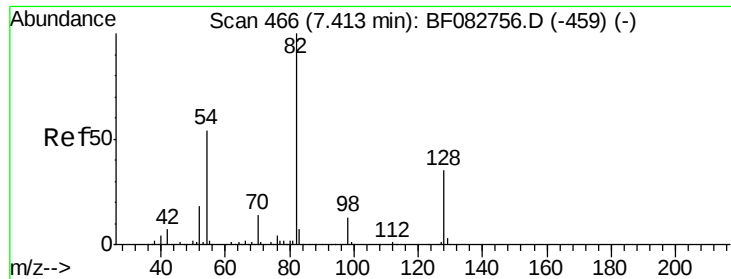
Tgt Ion:	136	Resp:	932460
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	10.2	9.1	13.7
68	7.3	4.8	7.2#



#22
Acetophenone
Concen: 32.22 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion:	105	Resp:	860779
Ion Ratio	Lower	Upper	
105	100		
71	8.9	5.6	8.4#
51	36.8	24.9	37.3
120	20.7	15.8	23.8

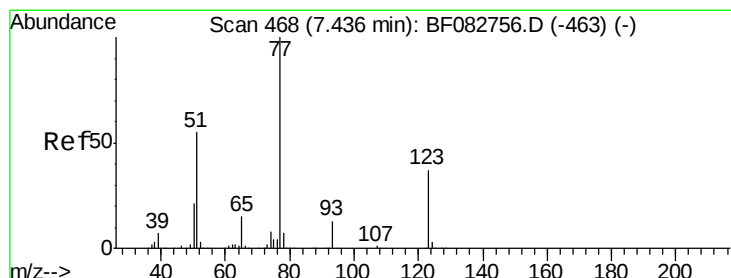
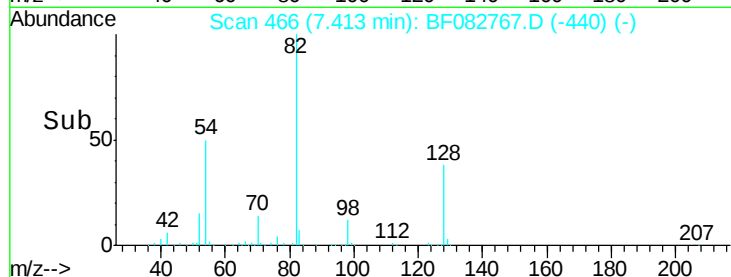
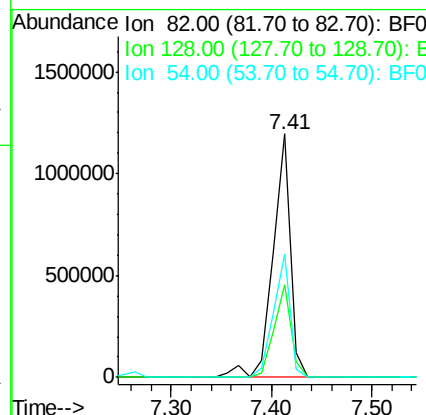
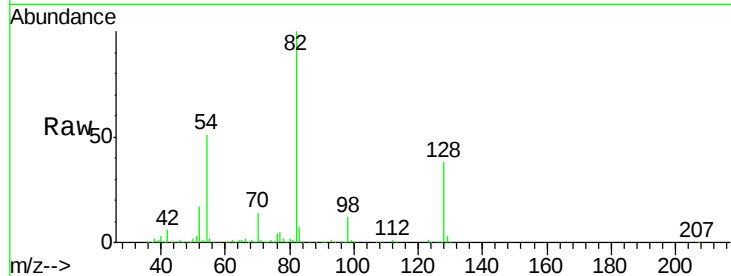




#23
 Nitrobenzene-d5
 Concen: 66.58 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

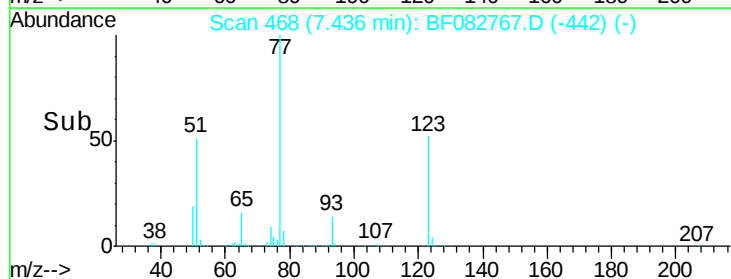
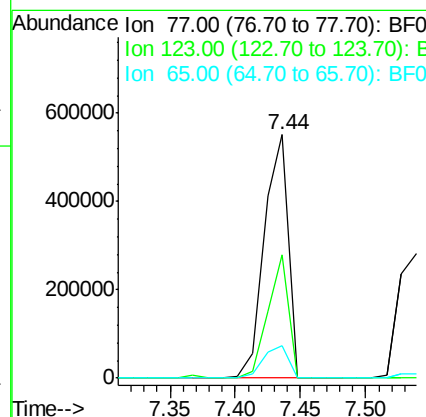
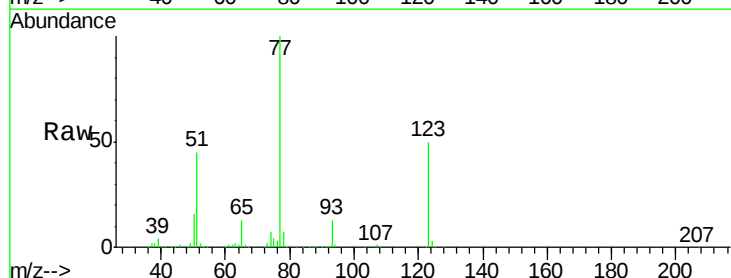
Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

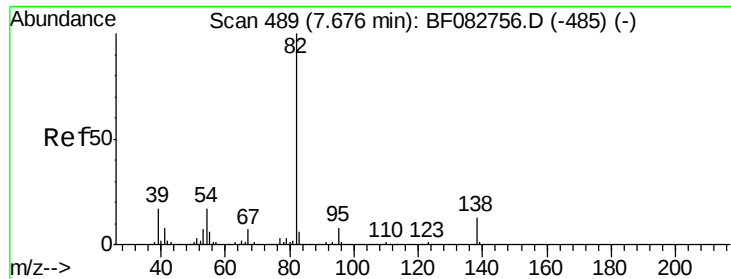
Tgt Ion: 82 Resp: 1426881
 Ion Ratio Lower Upper
 82 100
 128 38.2 26.8 40.2
 54 50.7 45.7 68.5



#24
 Nitrobenzene
 Concen: 32.13 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion: 77 Resp: 704145
 Ion Ratio Lower Upper
 77 100
 123 50.5 36.4 54.6
 65 13.1 11.5 17.3

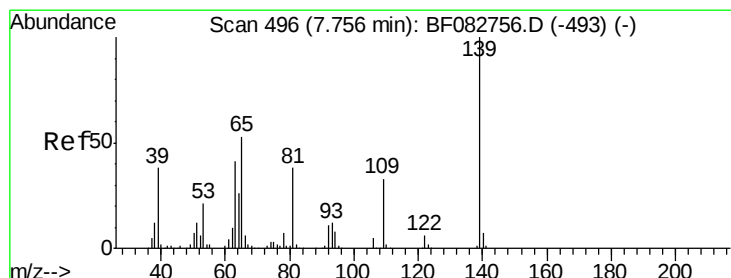
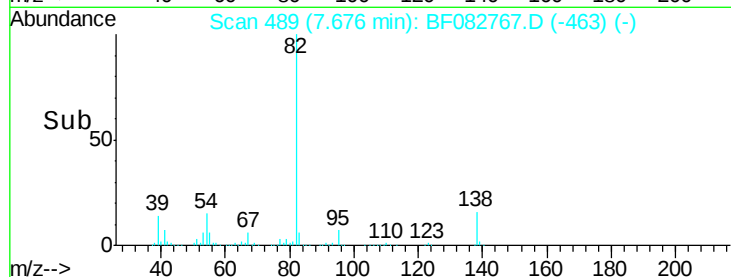
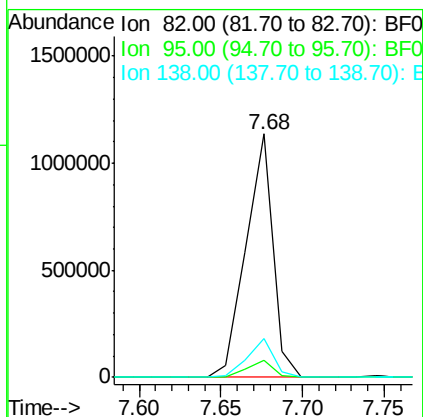
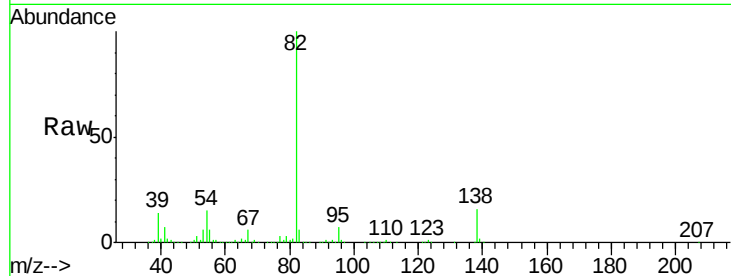




#25
Isophorone
Concen: 32.79 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

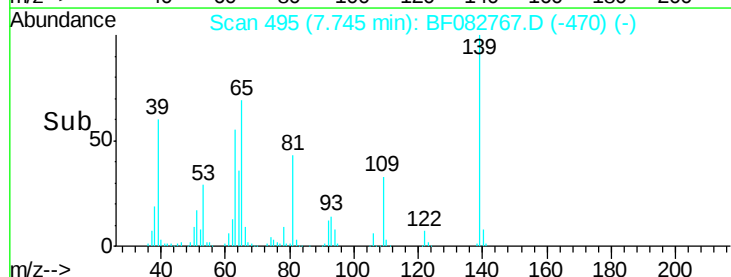
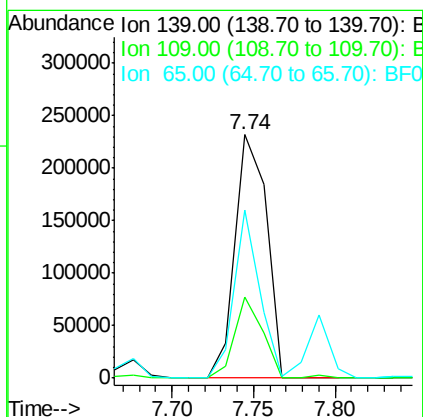
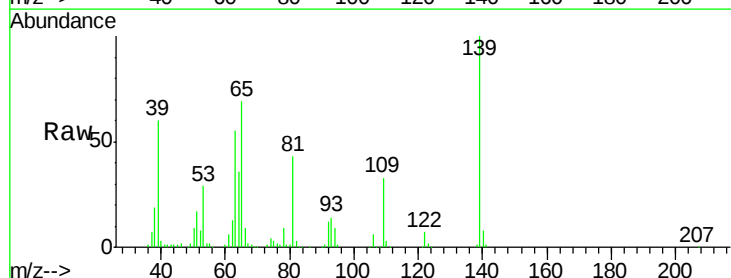
Instrument :
BNA_F
ClientSampleId :
PB86432BS

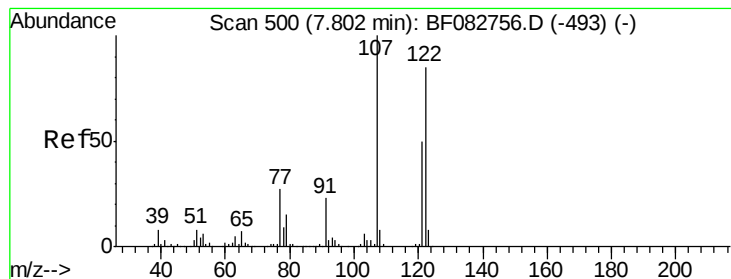
Tgt Ion: 82 Resp: 1299965
Ion Ratio Lower Upper
82 100
95 7.1 6.6 9.8
138 15.9 11.4 17.0



#26
2-Nitrophenol
Concen: 33.76 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion: 139 Resp: 308781
Ion Ratio Lower Upper
139 100
109 33.3 37.6 56.4#
65 69.2 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 33.33 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

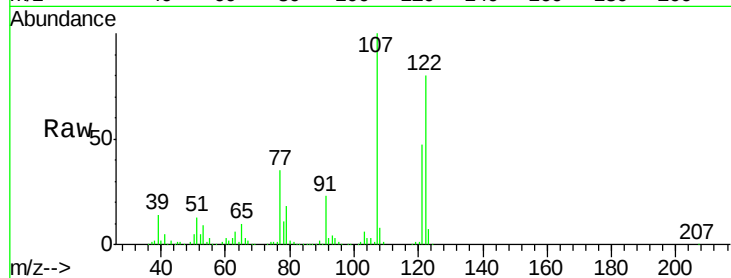
Tgt Ion:122 Resp: 547742

Ion Ratio Lower Upper

122 100

107 125.0 106.0 159.0

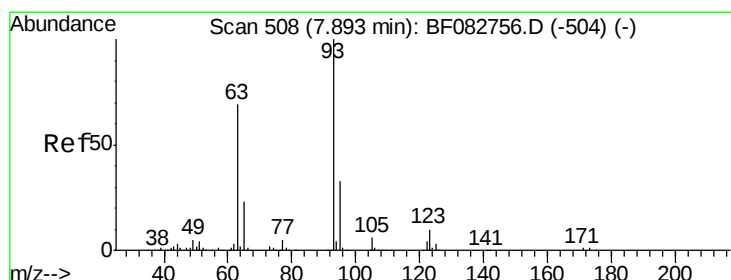
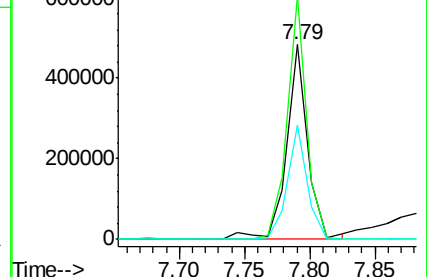
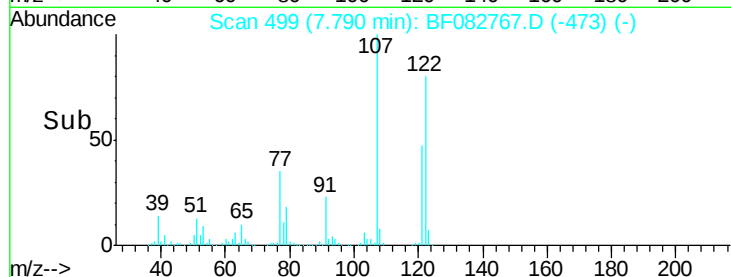
121 58.7 46.7 70.1



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: 34.91 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

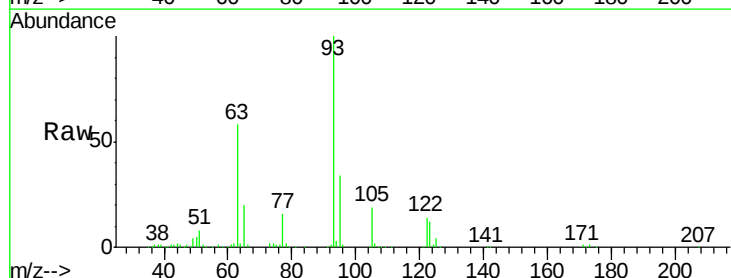
Tgt Ion: 93 Resp: 780842

Ion Ratio Lower Upper

93 100

95 34.0 26.6 40.0

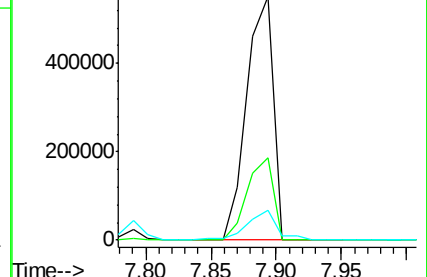
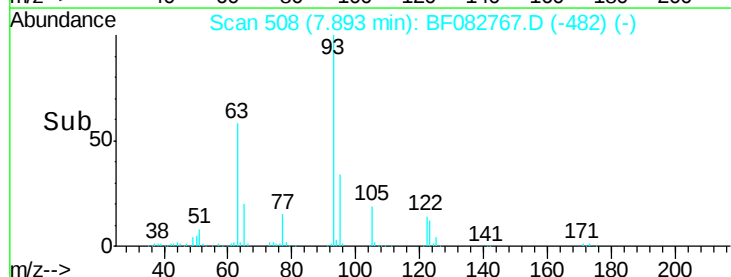
123 12.4 9.7 14.5

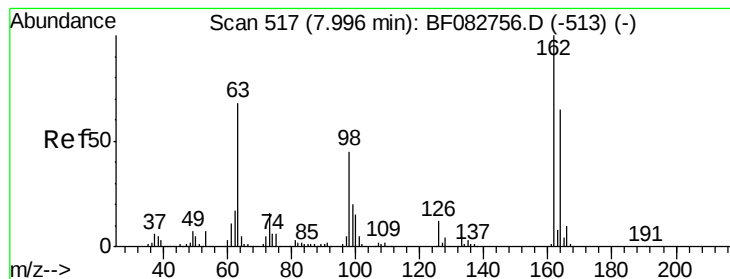


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.47 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

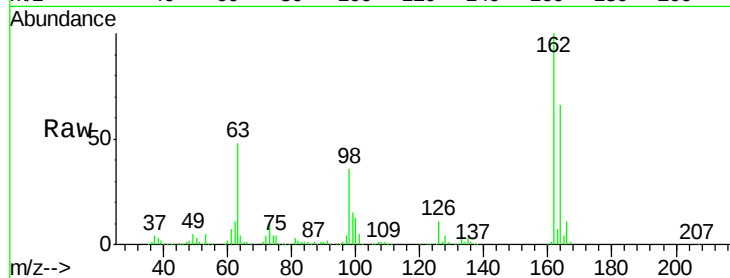
Tgt Ion:162 Resp: 541743

Ion Ratio Lower Upper

162 100

164 66.1 46.8 86.8

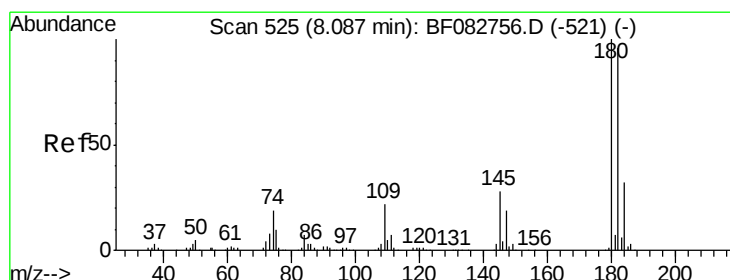
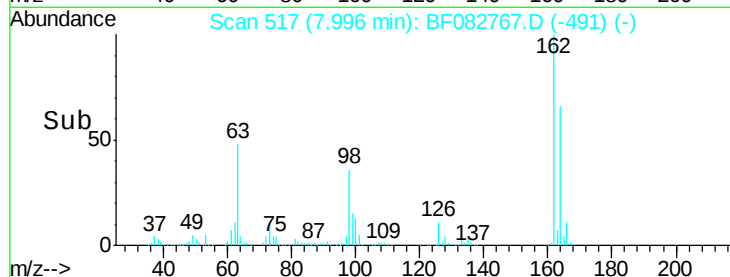
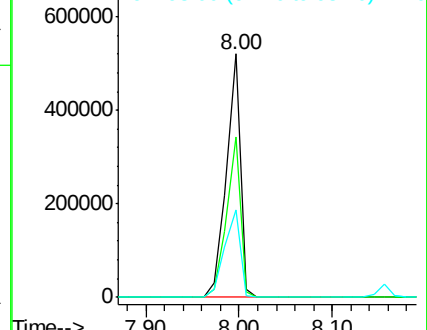
98 36.2 12.5 52.5



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: 31.99 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

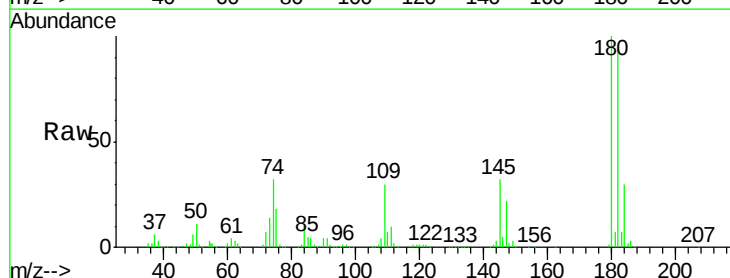
Tgt Ion:180 Resp: 534336

Ion Ratio Lower Upper

180 100

182 94.3 74.9 112.3

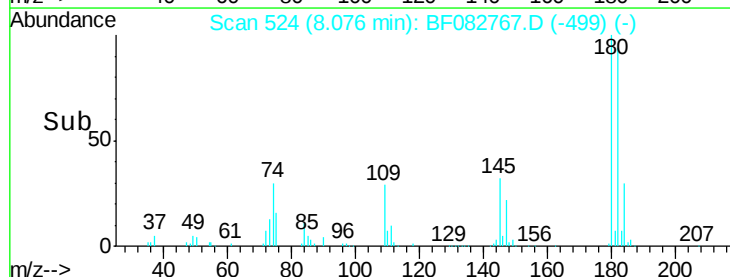
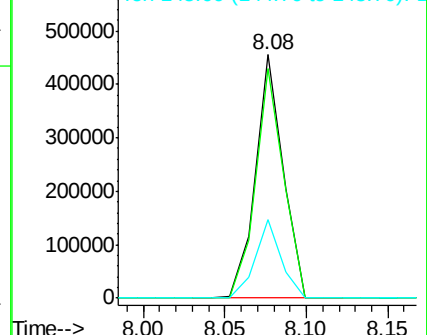
145 32.3 27.8 41.8

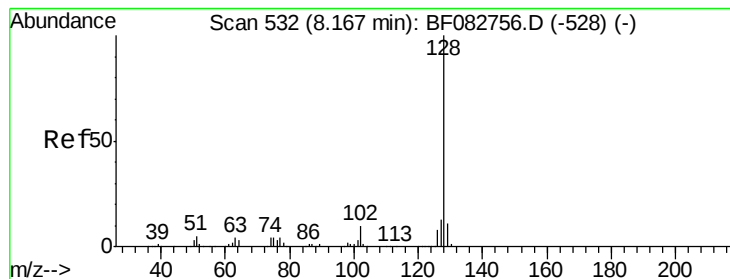


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.61 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

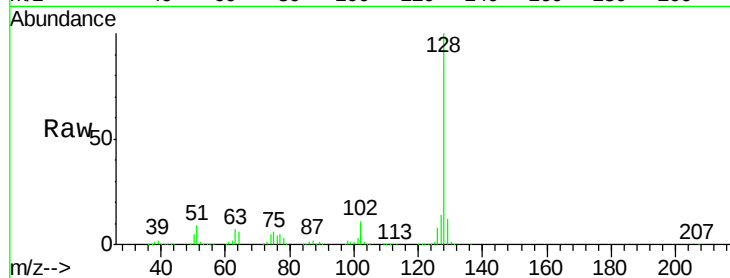
Tgt Ion:128 Resp: 1626169

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

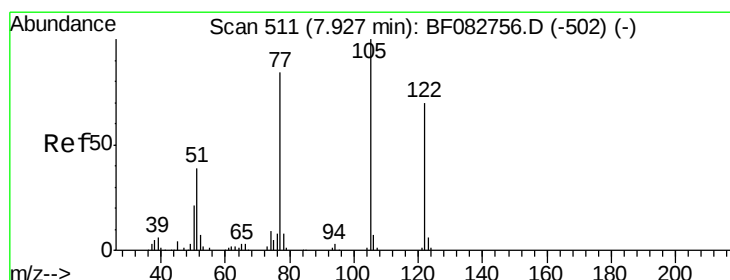
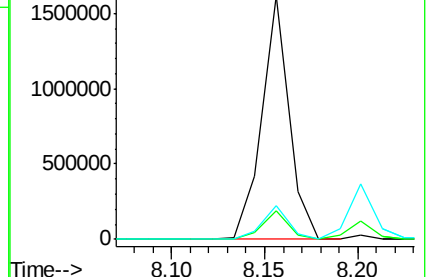
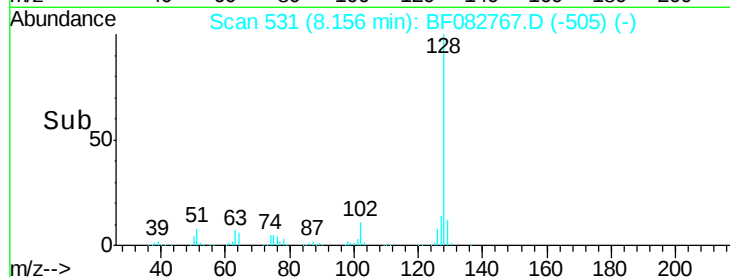
127 13.8 11.4 17.0



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: 33.59 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

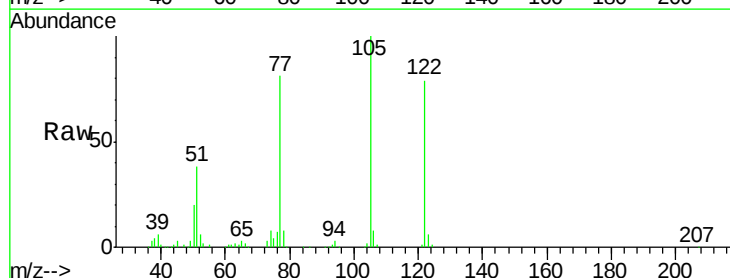
Tgt Ion:122 Resp: 378034

Ion Ratio Lower Upper

122 100

105 126.2 122.6 162.6

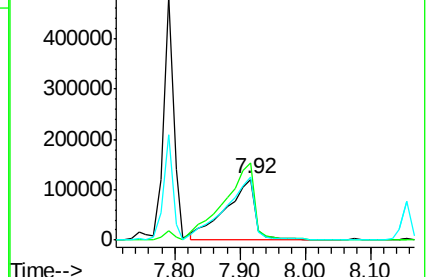
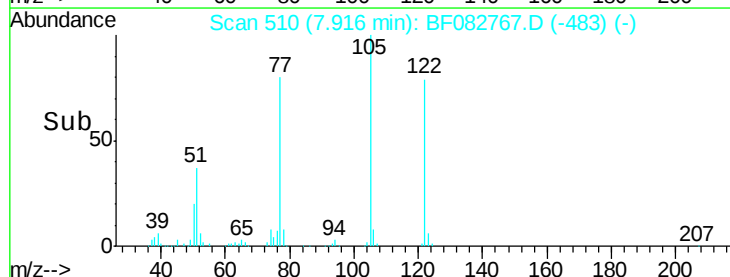
77 102.6 100.9 140.9



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

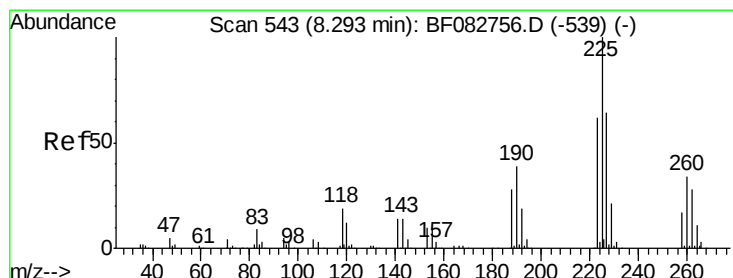
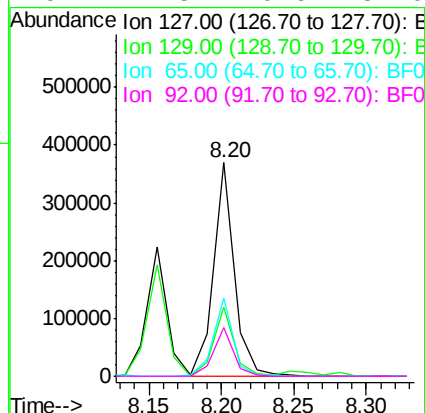
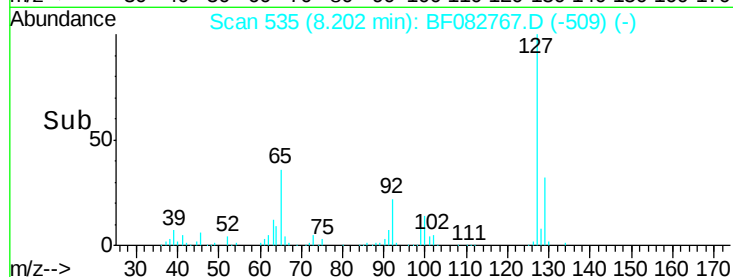
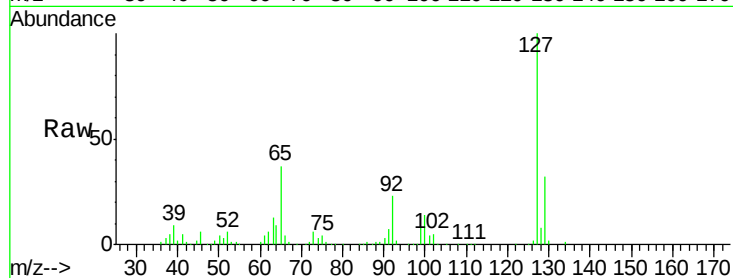




#33
4-Chloroaniline
Concen: 16.59 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

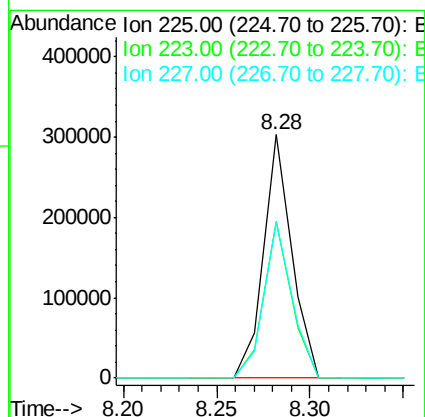
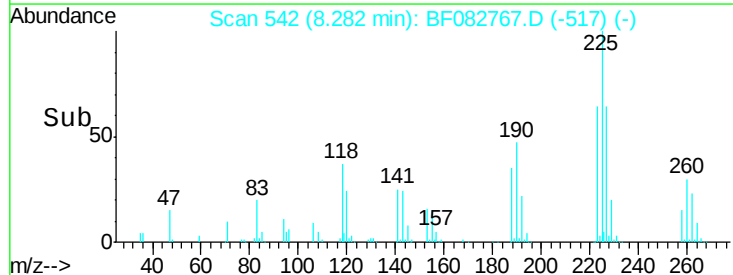
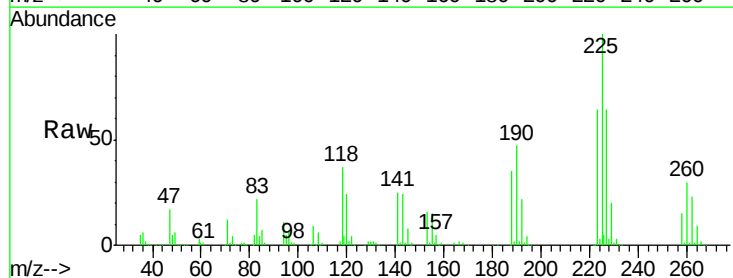
Instrument :
BNA_F
ClientSampleId :
PB86432BS

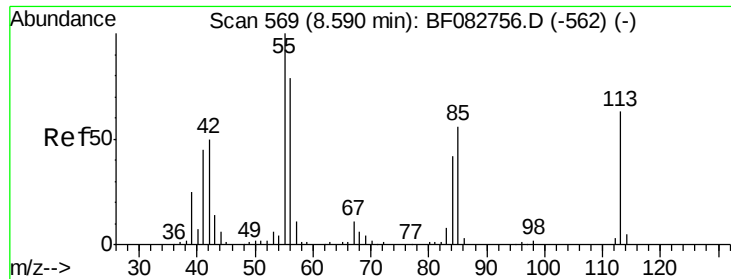
Tgt Ion:	127	Resp:	367855
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	36.8	37.8	56.8#
92	22.5	20.6	31.0



#34
Hexachlorobutadiene
Concen: 30.26 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion:	225	Resp:	316371
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.5	75.7
227	64.2	50.2	75.2

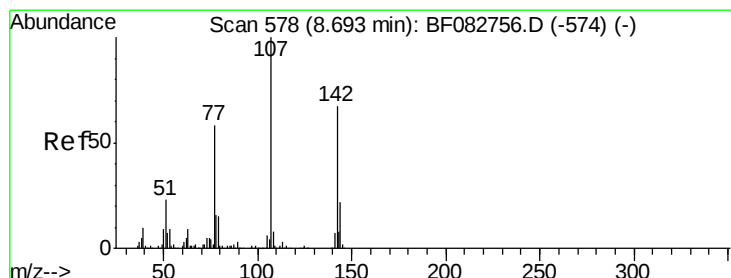
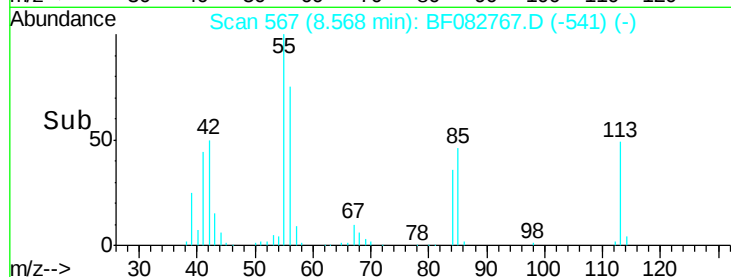
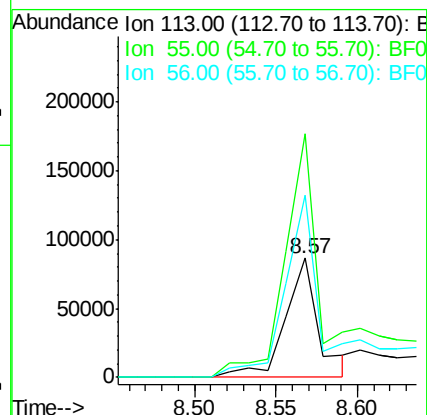
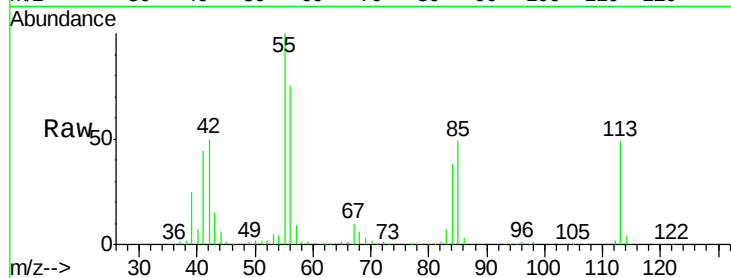




#35
 Caprolactam
 Concen: 25.96 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

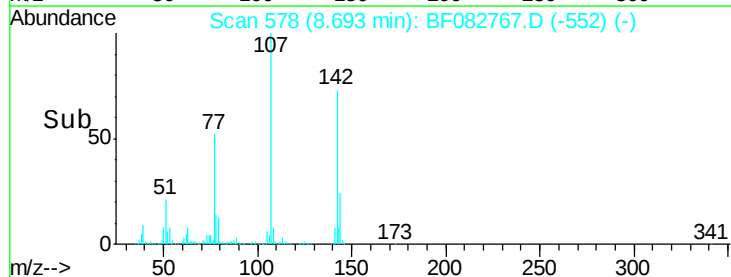
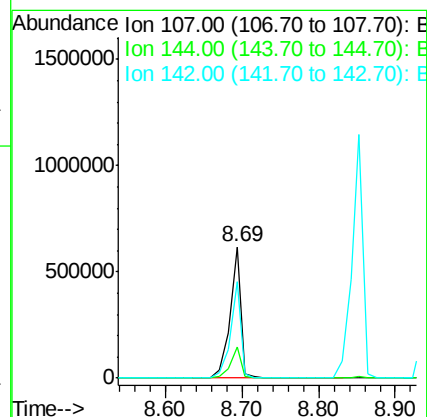
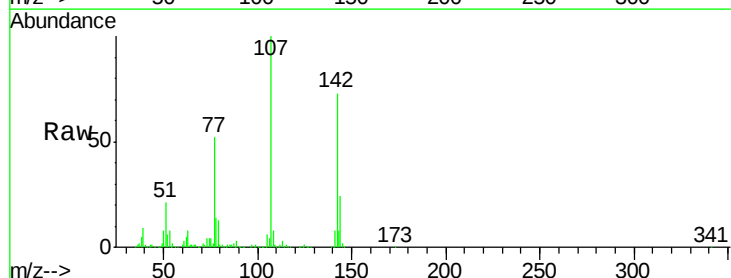
Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

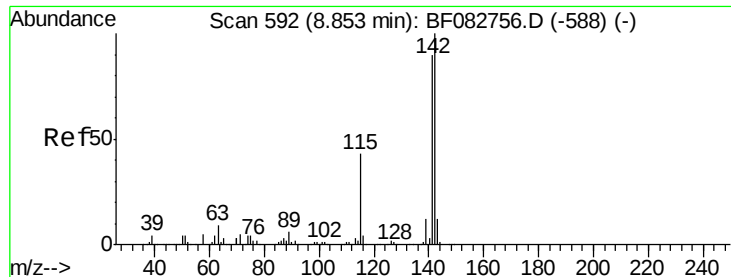
Tgt Ion:113 Resp: 121556
 Ion Ratio Lower Upper
 113 100
 55 204.6 195.5 235.5
 56 153.3 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 35.56 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:107 Resp: 621130
 Ion Ratio Lower Upper
 107 100
 144 24.0 15.4 23.0#
 142 72.9 47.8 71.8#

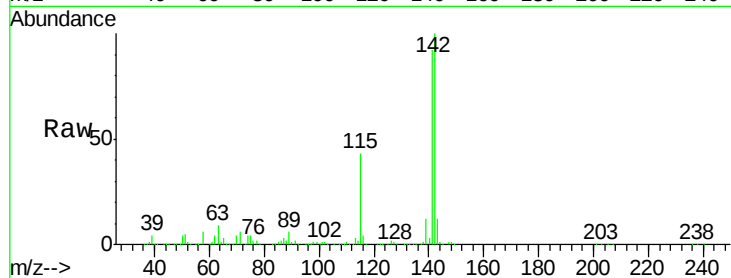




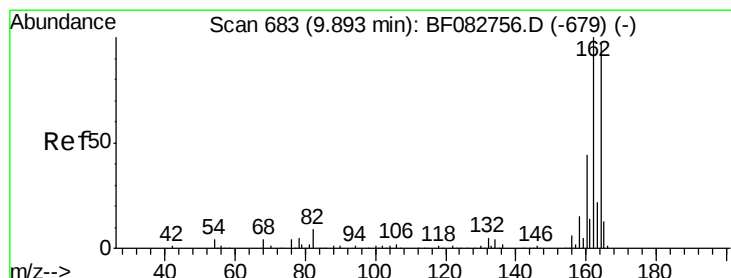
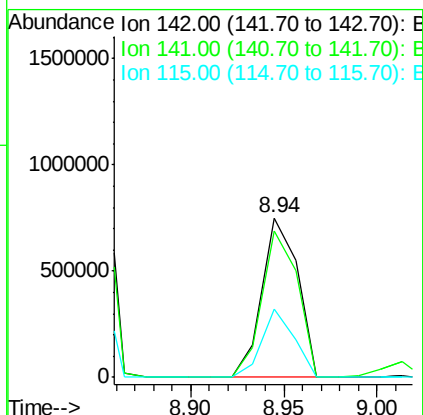
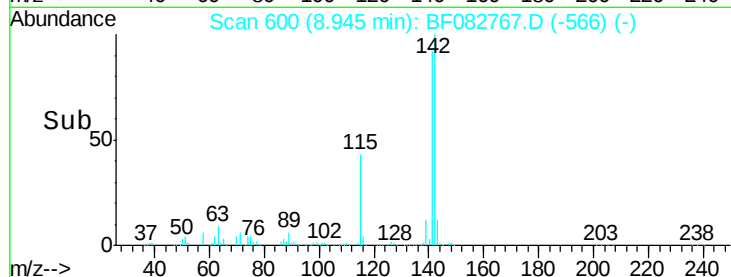
#37
 2-Methylnaphthalene
 Concen: 30.04 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.09 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tgt Ion:142 Resp: 999659
 Ion Ratio Lower Upper
 142 100
 141 91.9 72.3 108.5
 115 43.2 38.1 57.1

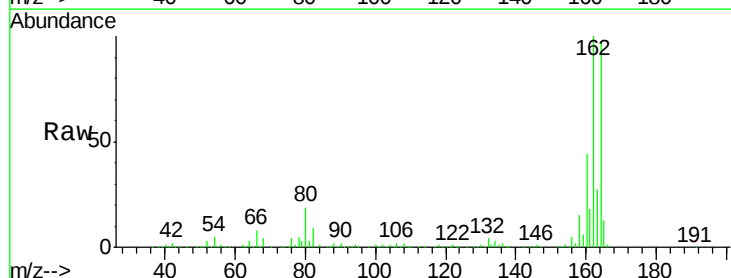


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

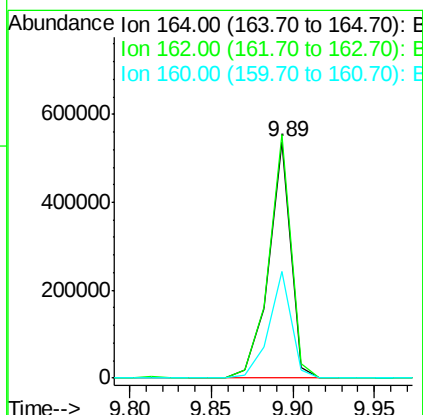
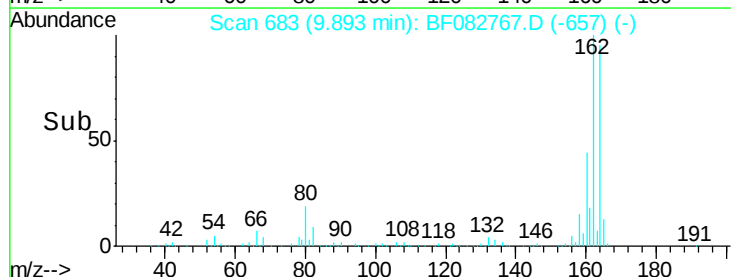


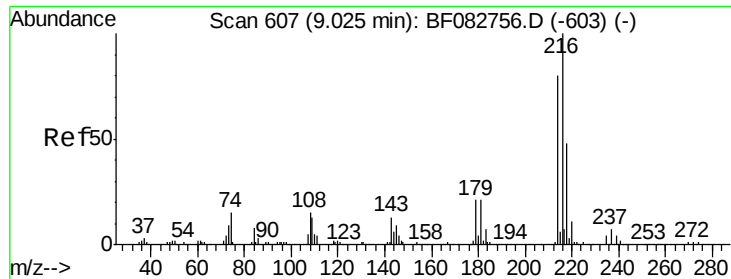
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:164 Resp: 506772
 Ion Ratio Lower Upper
 164 100
 162 103.1 84.9 127.3
 160 45.3 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

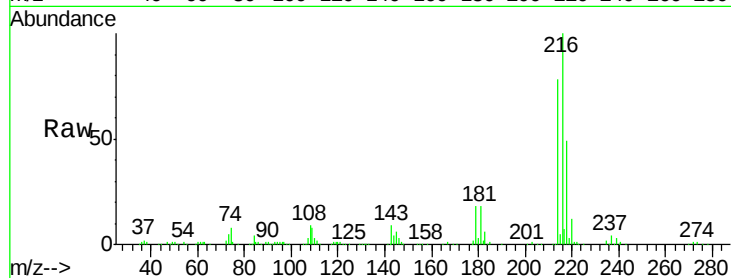




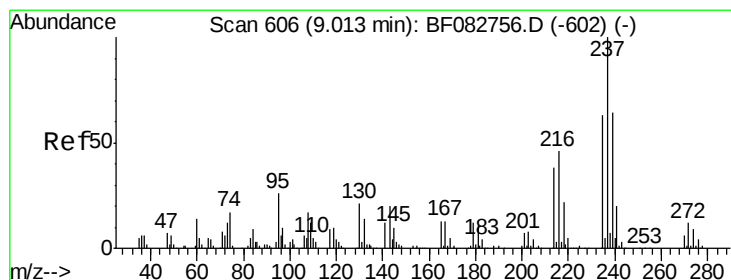
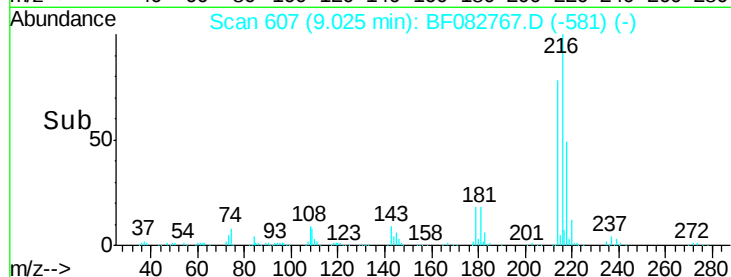
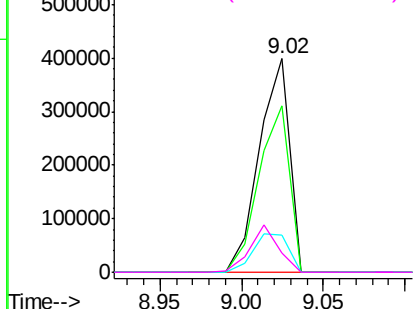
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.89 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tgt Ion:	216	Resp:	514437
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.2	93.2
179	21.1	18.1	27.1
108	20.7	16.6	25.0

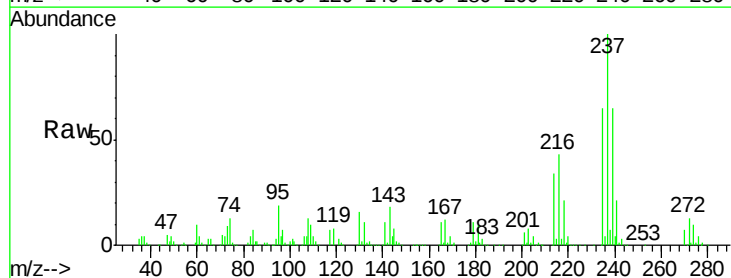


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

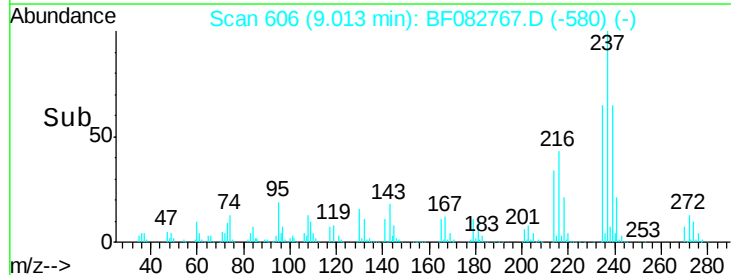
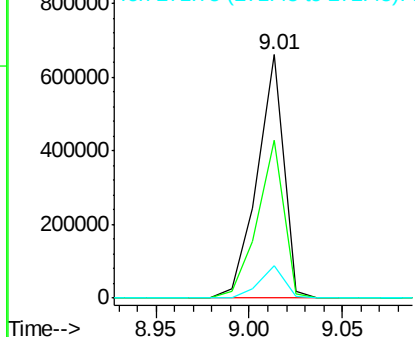


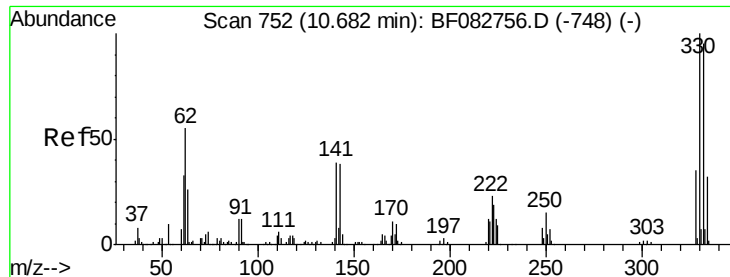
#40
 Hexachlorocyclopentadiene
 Concen: 72.72 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:	237	Resp:	650664
Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.3	84.3
272	13.4	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

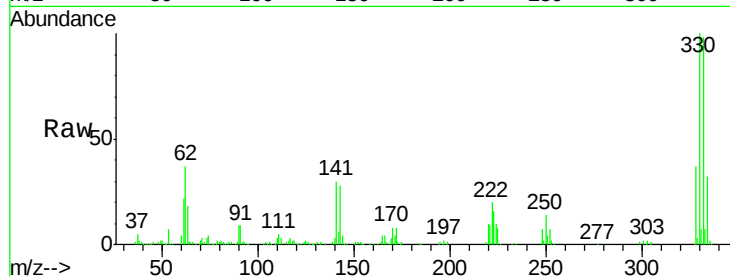




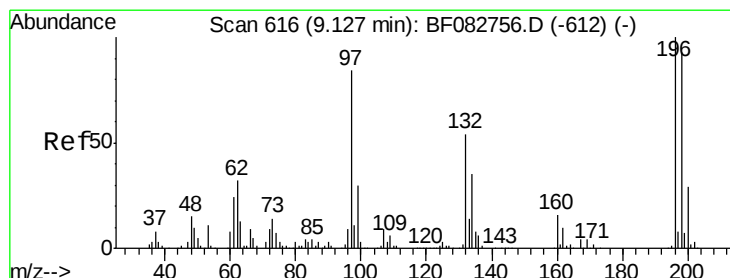
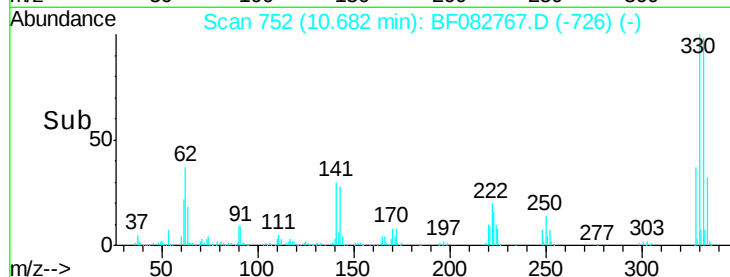
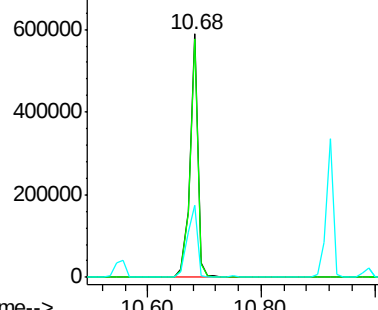
#41
 2,4,6-Tribromophenol
 Concen: 96.96 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tgt Ion:330 Resp: 563384
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 37.2 41.2 61.8#

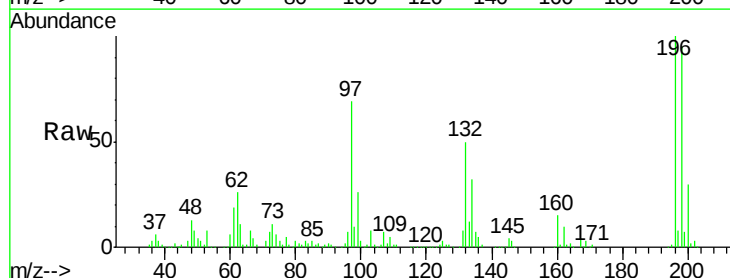


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

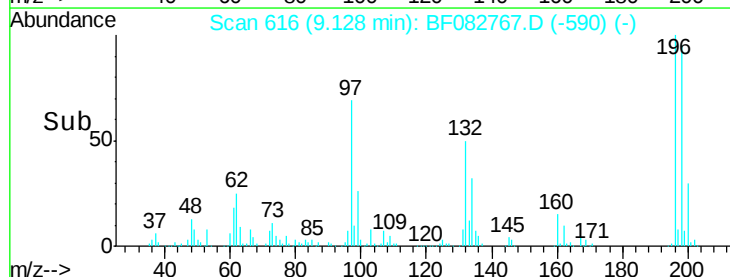
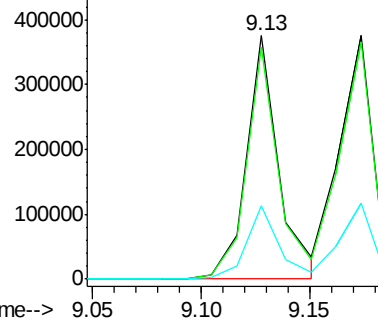


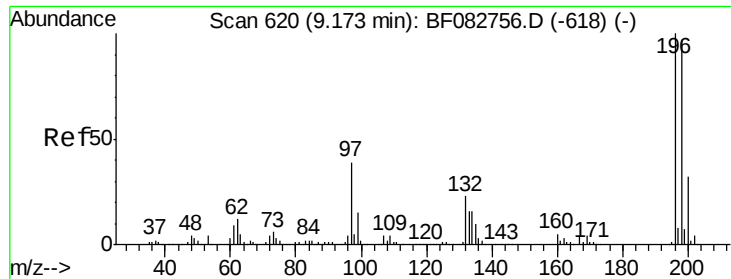
#42
 2,4,6-Trichlorophenol
 Concen: 31.54 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:196 Resp: 392087
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 30.1 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

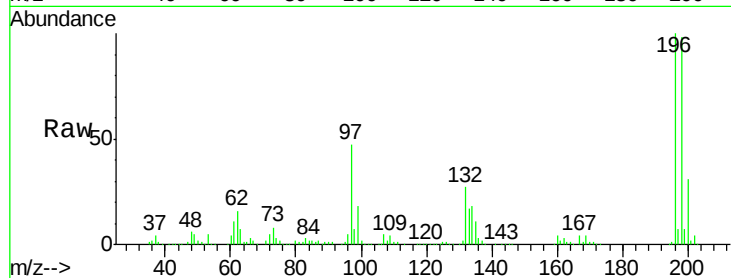




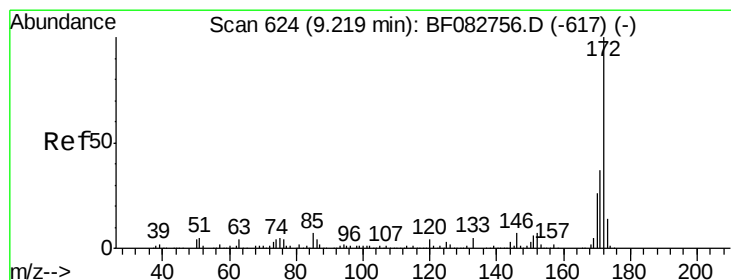
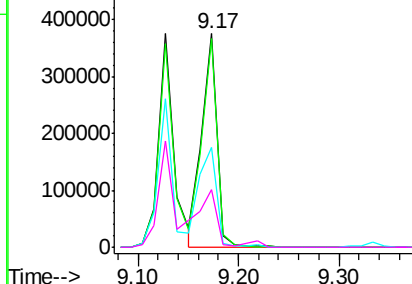
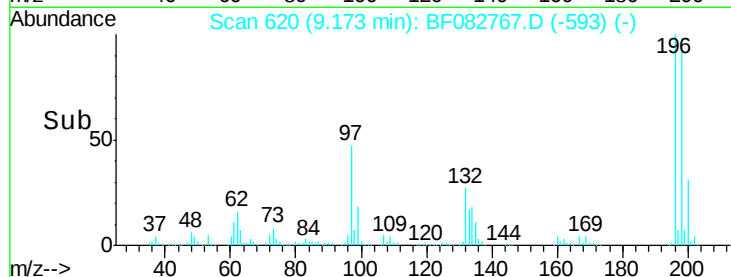
#43
 2,4,5-Trichlorophenol
 Concen: 32.27 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tgt Ion:196 Resp: 396763
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.8 113.8
 97 46.8 62.3 93.5#
 132 27.0 27.4 41.2#

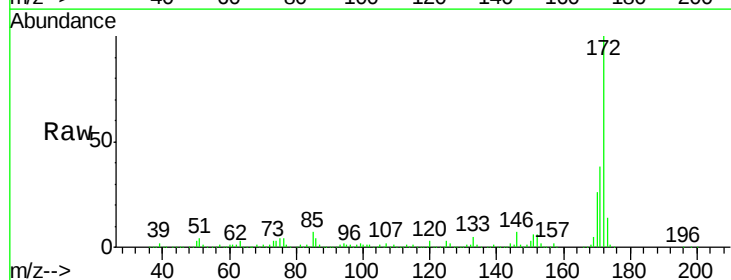


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

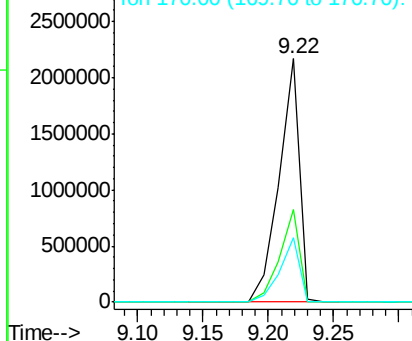
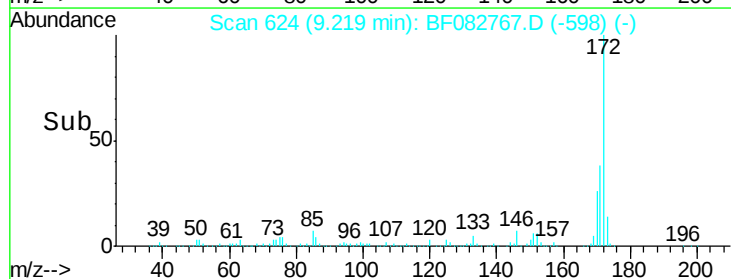


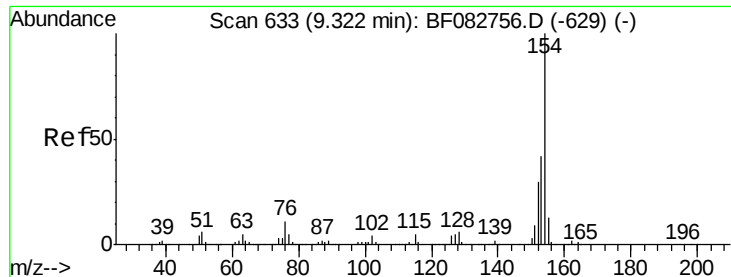
#44
 2-Fluorobiphenyl
 Concen: 67.10 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:172 Resp: 2372619
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 26.3 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

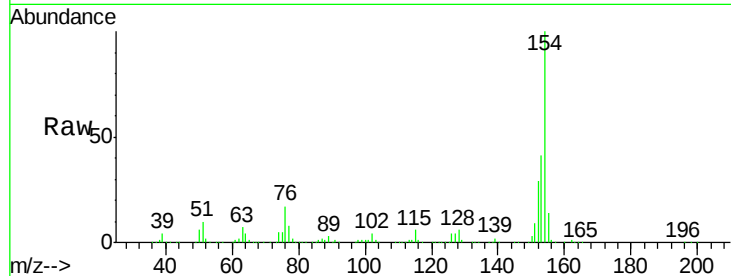




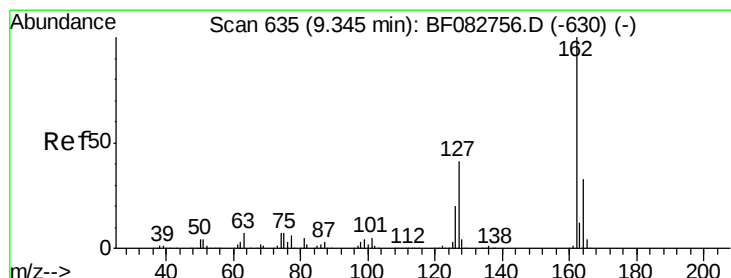
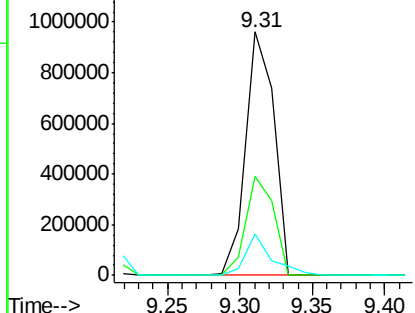
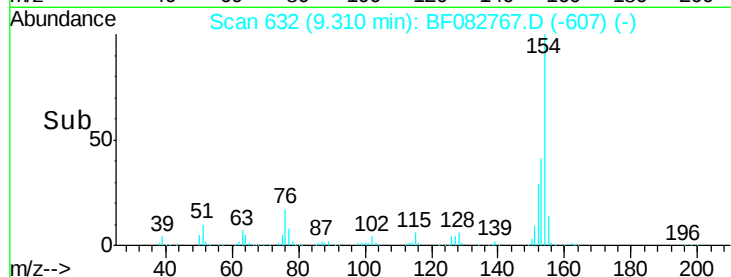
#45
 1,1'-Biphenyl
 Concen: 29.84 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tgt Ion:154 Resp: 1297629
 Ion Ratio Lower Upper
 154 100
 153 40.8 22.0 62.0
 76 17.3 0.0 29.0

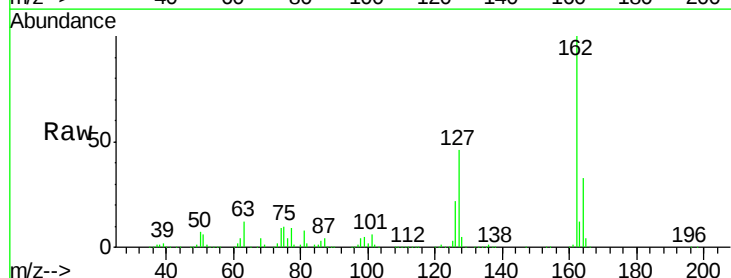


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

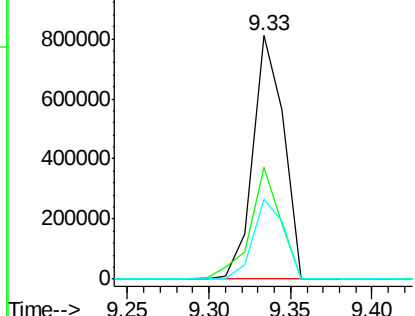
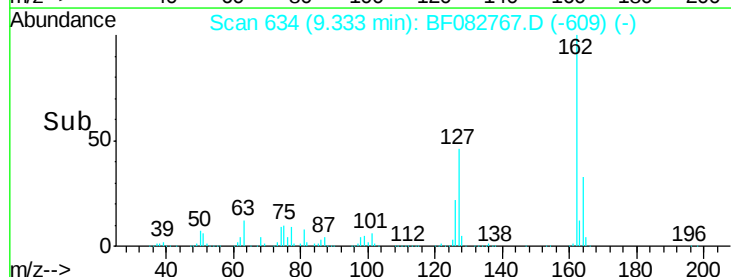


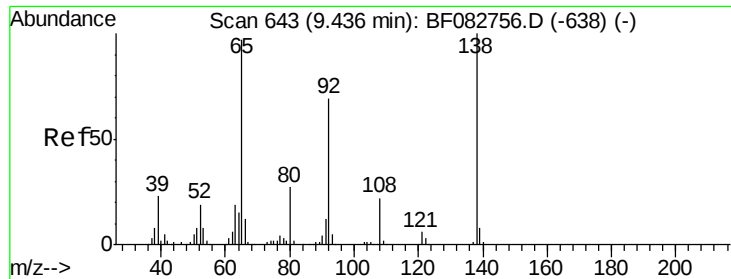
#46
 2-Chloronaphthalene
 Concen: 31.03 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:162 Resp: 1052699
 Ion Ratio Lower Upper
 162 100
 127 45.7 32.7 49.1
 164 32.9 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

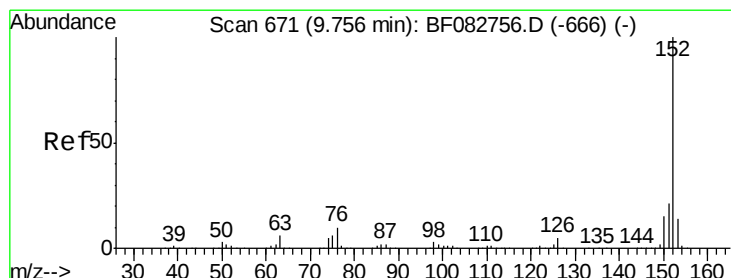
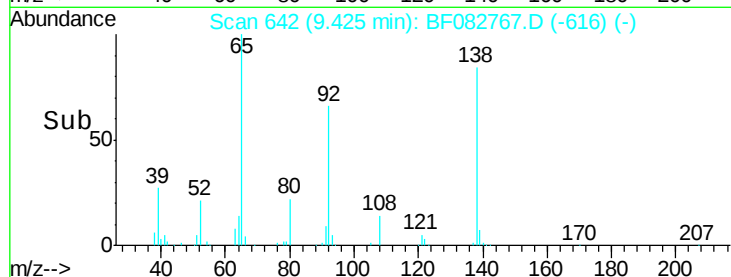
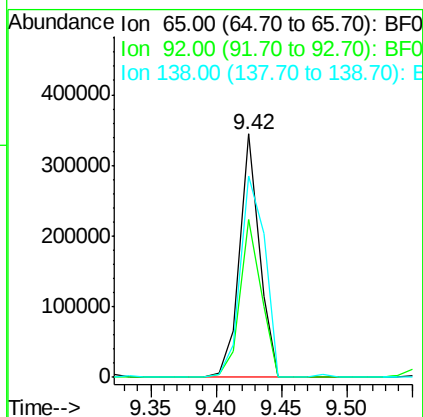
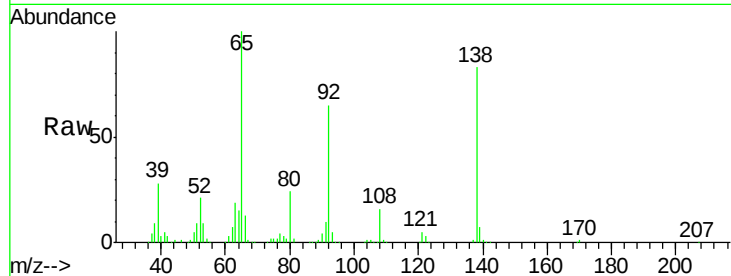




#47
2-Nitroaniline
Concen: 29.04 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

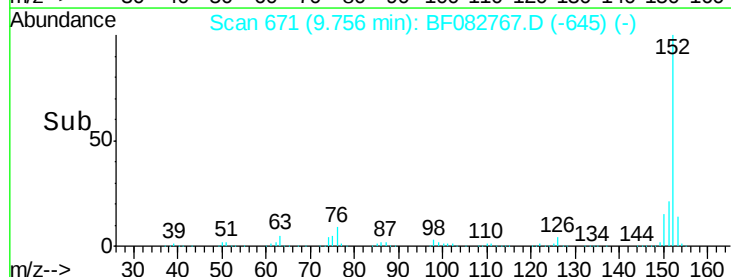
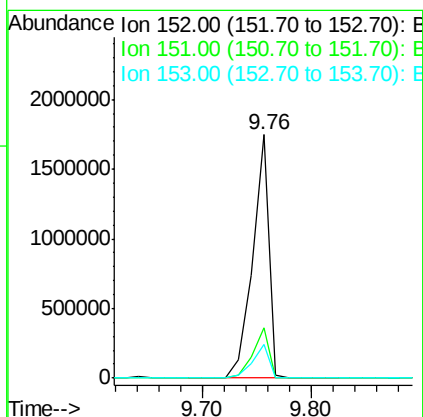
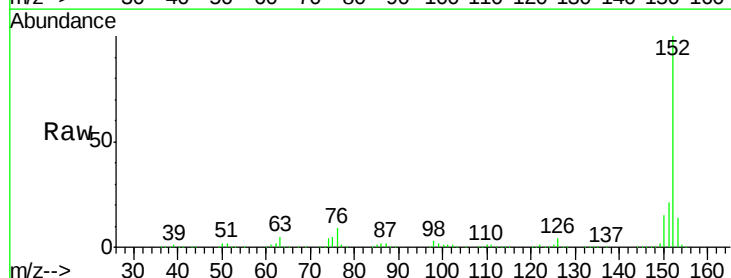
Instrument :
BNA_F
ClientSampleId :
PB86432BS

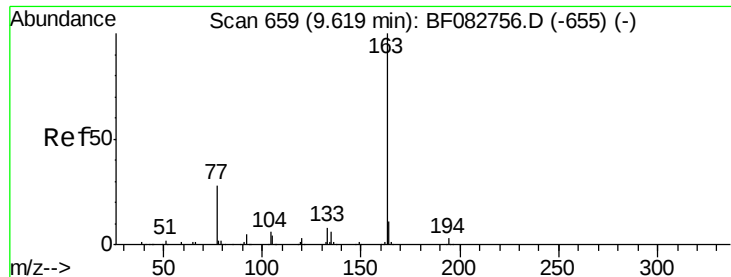
Tgt Ion: 65 Resp: 365433
Ion Ratio Lower Upper
65 100
92 65.1 46.6 70.0
138 82.8 54.6 81.8#



#48
Acenaphthylene
Concen: 34.18 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion: 152 Resp: 1817179
Ion Ratio Lower Upper
152 100
151 20.7 17.3 25.9
153 13.9 11.3 16.9

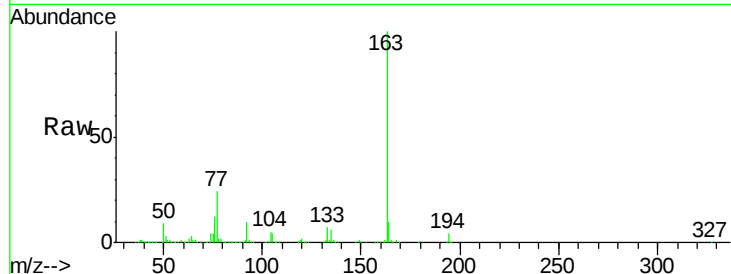




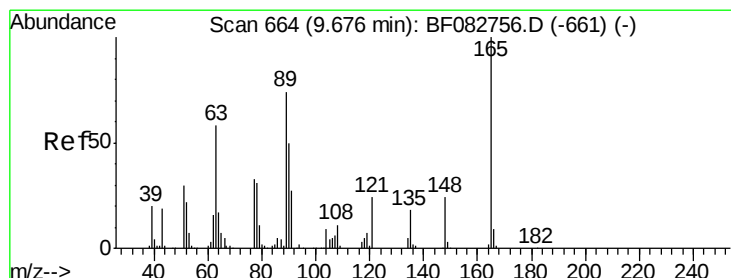
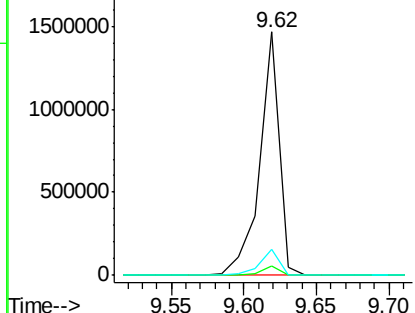
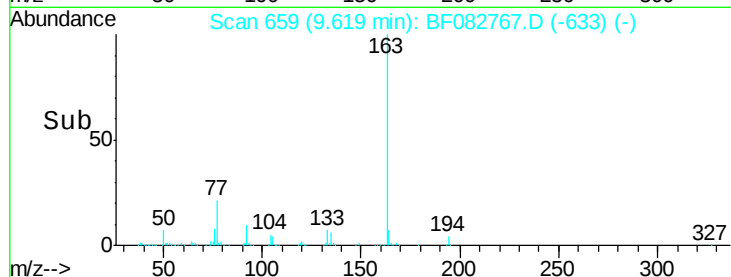
#49
Dimethylphthalate
Concen: 32.90 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tgt Ion:163 Resp: 1366143
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.5 8.7 13.1

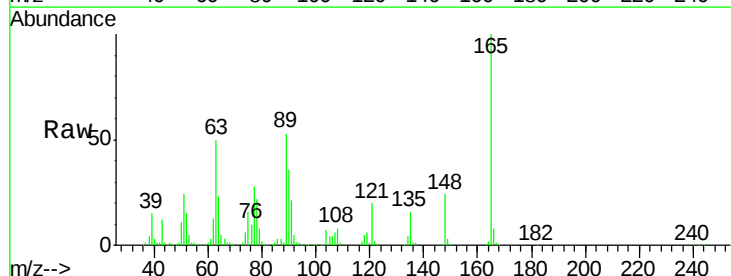


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

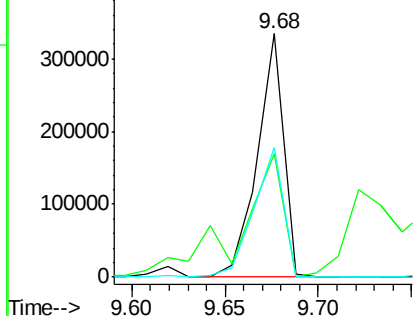
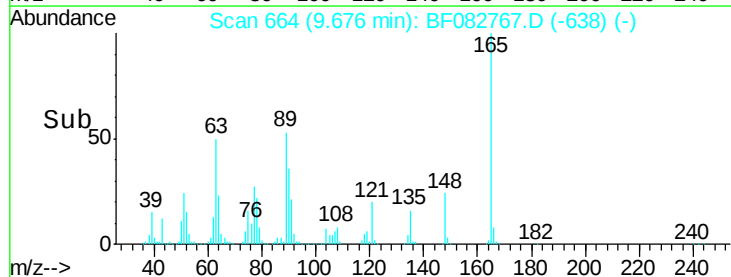


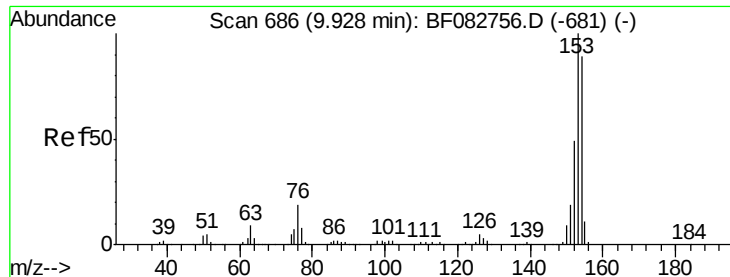
#50
2,6-Dinitrotoluene
Concen: 36.62 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion:165 Resp: 324441
Ion Ratio Lower Upper
165 100
63 50.5 55.5 83.3#
89 53.0 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: 38.41 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

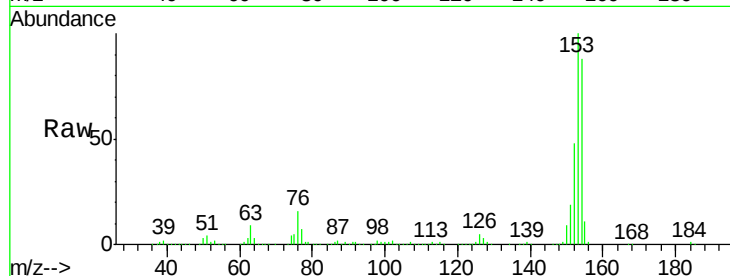
Tgt Ion:154 Resp: 1294210

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

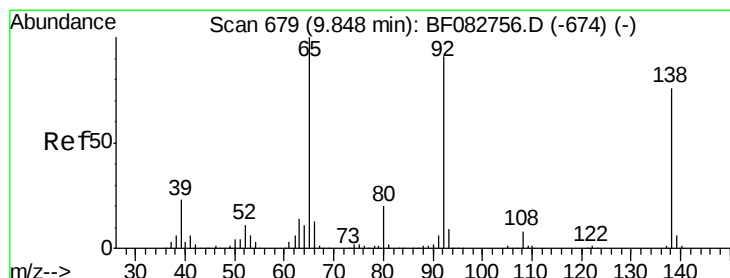
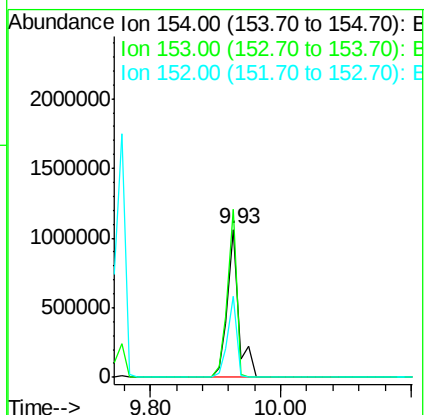
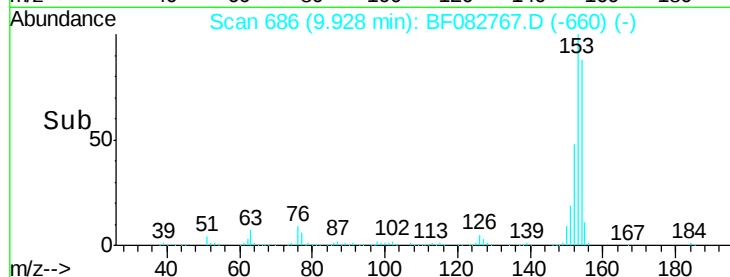
152 54.9 44.3 66.5



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: 19.79 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

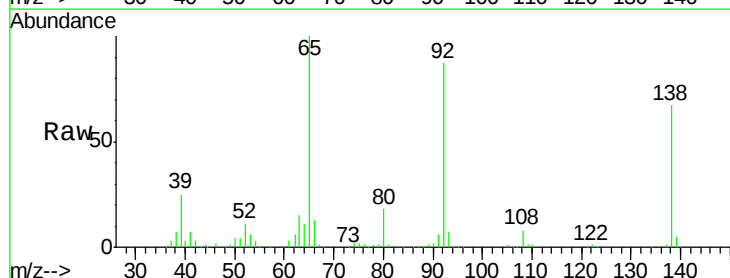
Tgt Ion:138 Resp: 192778

Ion Ratio Lower Upper

138 100

108 11.8 11.3 16.9

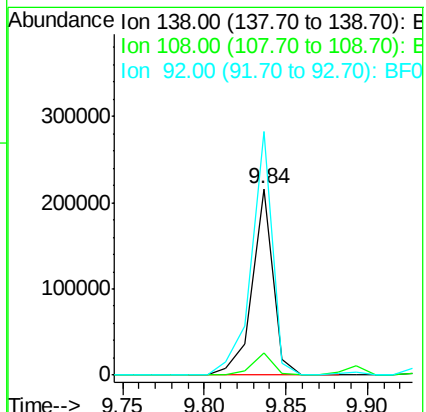
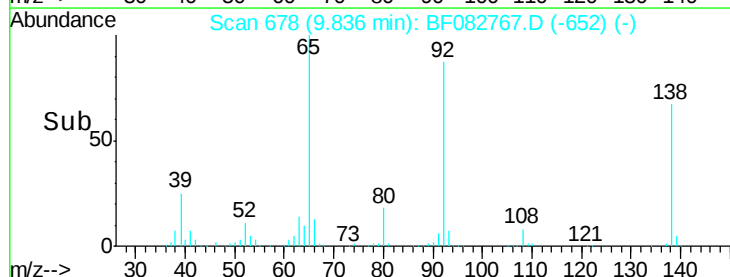
92 130.4 122.4 183.6

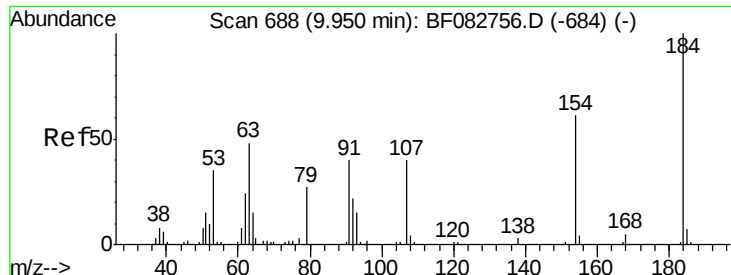


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

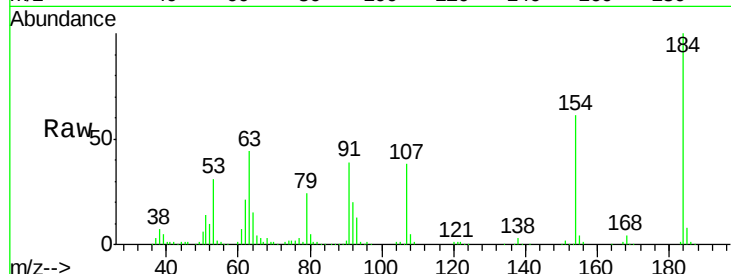




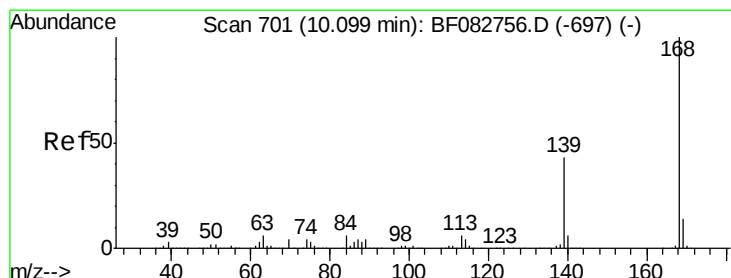
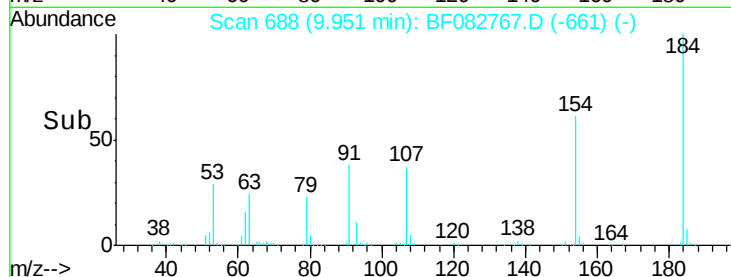
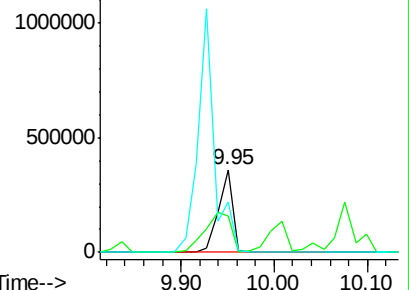
#53
 2,4-Dinitrophenol
 Concen: 80.66 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tgt Ion:184 Resp: 392332
 Ion Ratio Lower Upper
 184 100
 63 43.6 98.6 148.0#
 154 60.6 183.9 275.9#

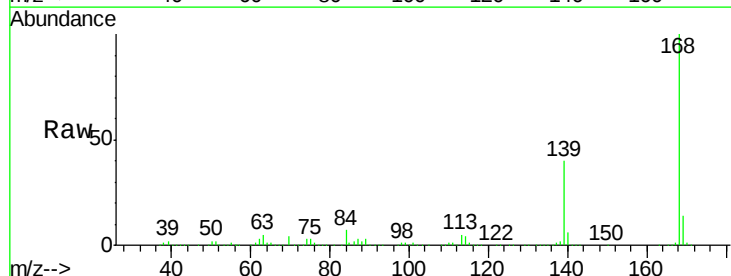


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF082756.D (-684) (-)
 Ion 154.00 (153.70 to 154.70): E

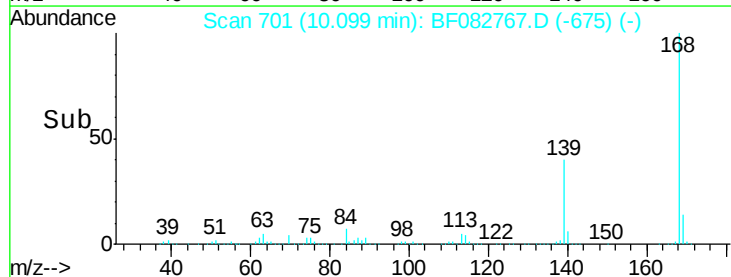
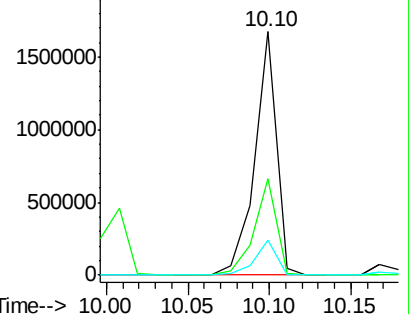


#54
 Dibenzofuran
 Concen: 34.26 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:168 Resp: 1556228
 Ion Ratio Lower Upper
 168 100
 139 39.6 37.8 56.6
 169 14.1 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

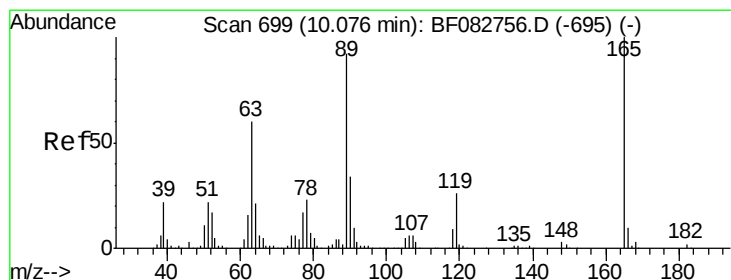
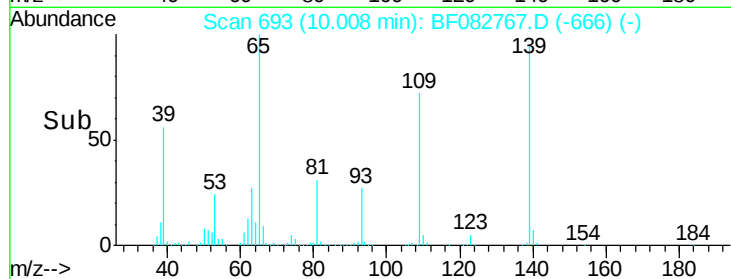
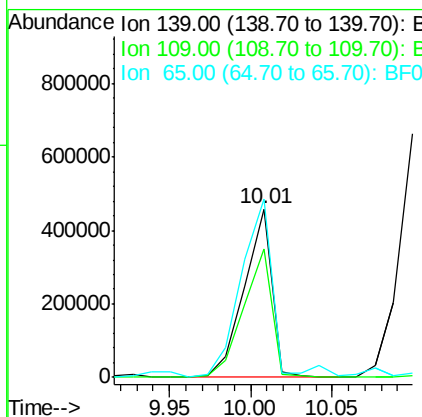
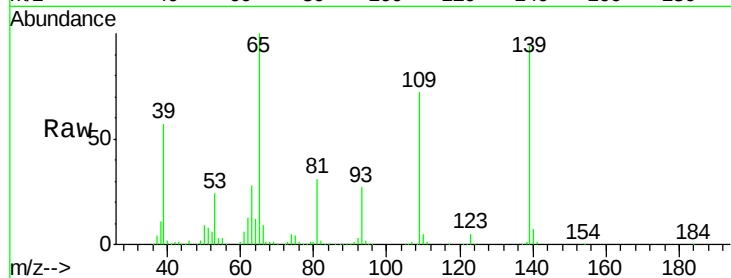




#55
4-Nitrophenol
Concen: 72.59 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

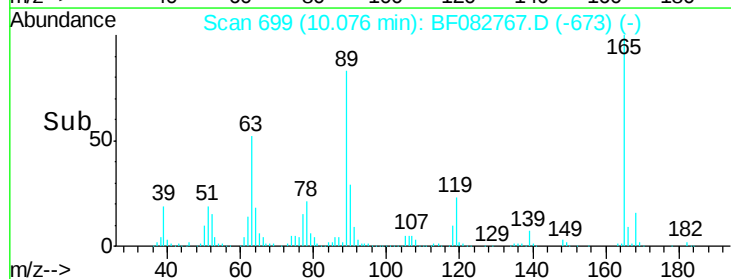
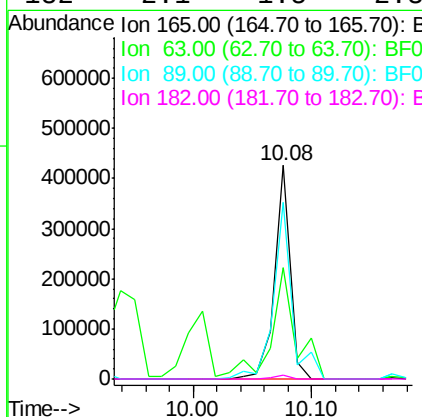
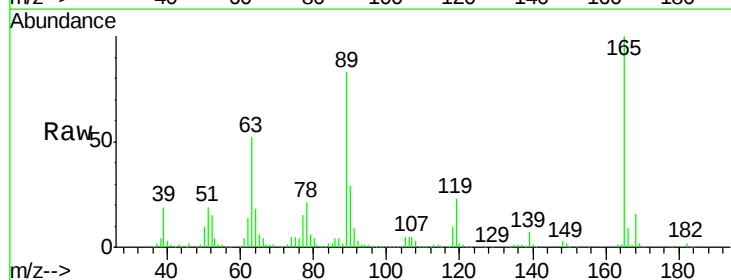
Instrument :
BNA_F
ClientSampleId :
PB86432BS

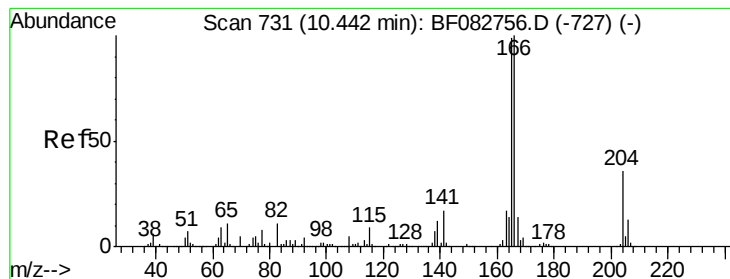
Tgt Ion:139 Resp: 542592
Ion Ratio Lower Upper
139 100
109 76.4 73.7 113.7
65 106.0 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 32.65 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion:165 Resp: 392457
Ion Ratio Lower Upper
165 100
63 52.2 43.4 65.0
89 82.7 70.6 106.0
182 2.1 1.5 2.3





#57

Fluorene

Concen: 34.01 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

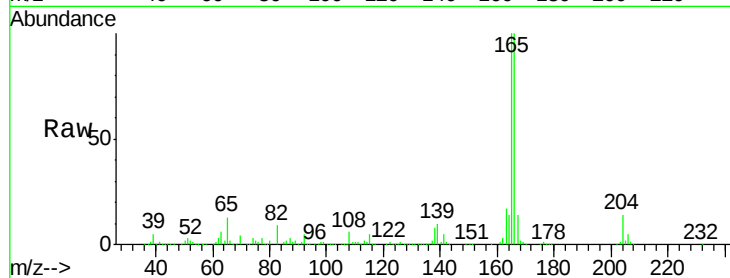
Tgt Ion:166 Resp: 1250982

Ion Ratio Lower Upper

166 100

165 100.2 80.2 120.4

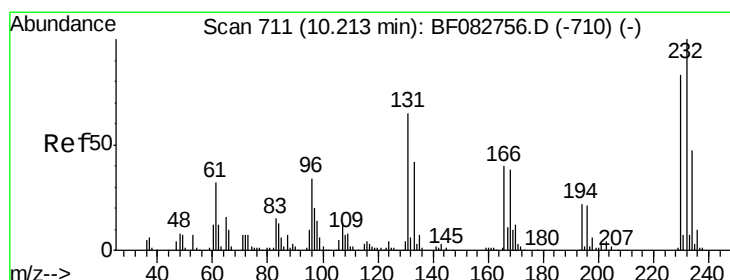
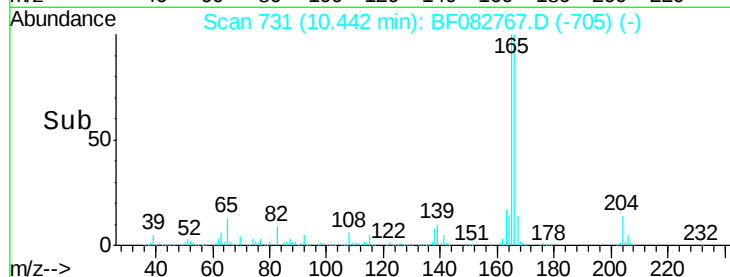
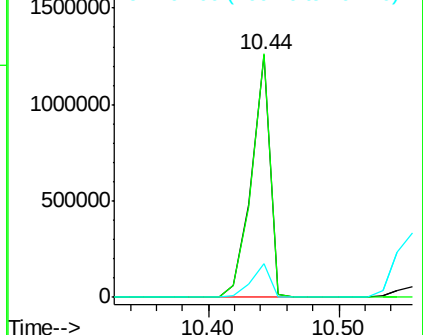
167 13.8 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.74 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion:232 Resp: 338537

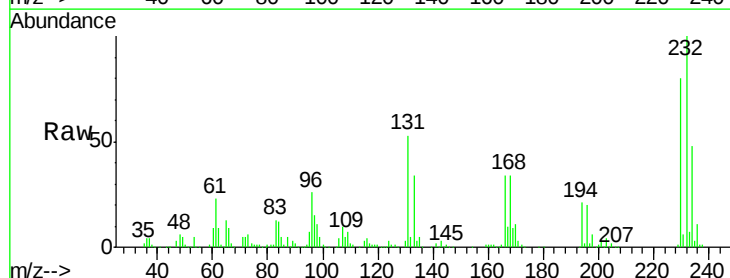
Ion Ratio Lower Upper

232 100

131 48.4 46.2 69.2

130 2.2 2.4 3.6#

166 31.0 28.2 42.2

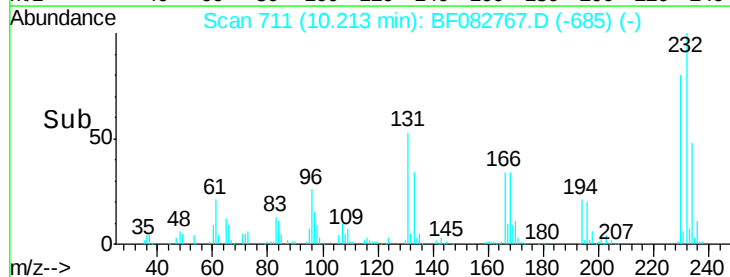
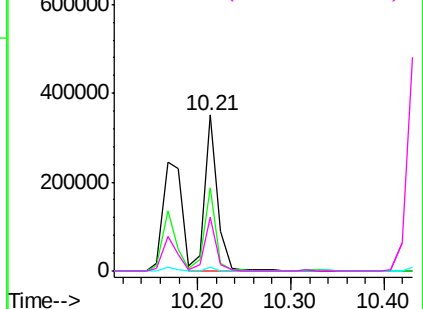


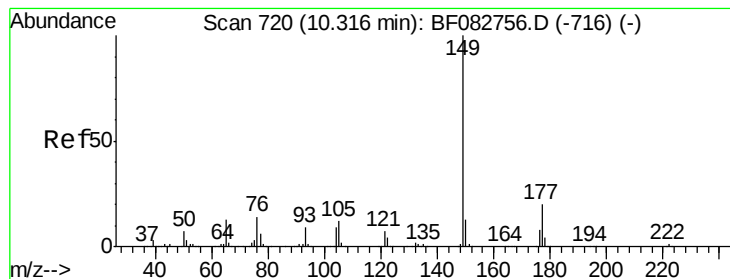
Abundance Ion 232.00 (231.70 to 232.70): E

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: 31.56 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

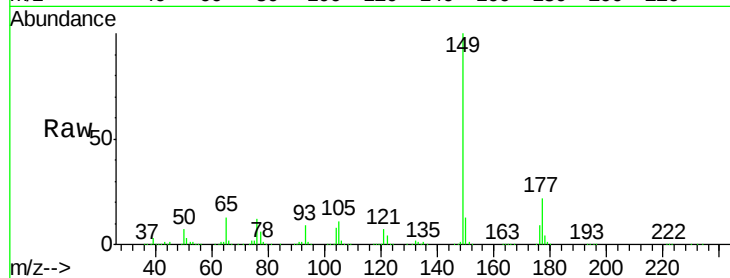
Tgt Ion:149 Resp: 1279429

Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

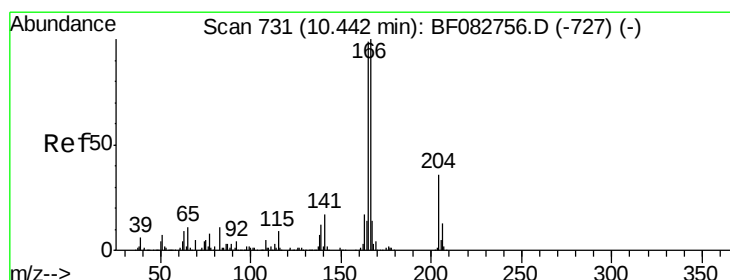
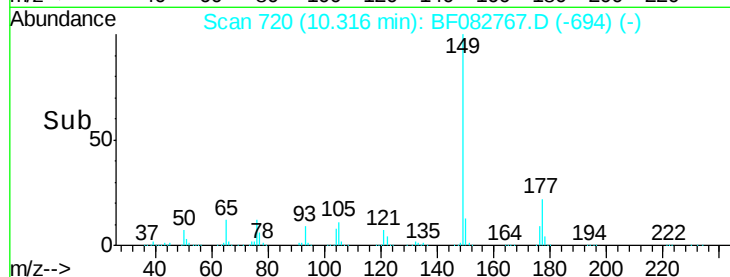
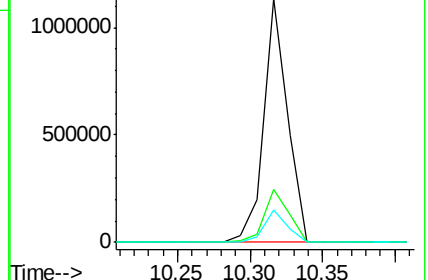
150 13.2 10.1 15.1



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: 29.01 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

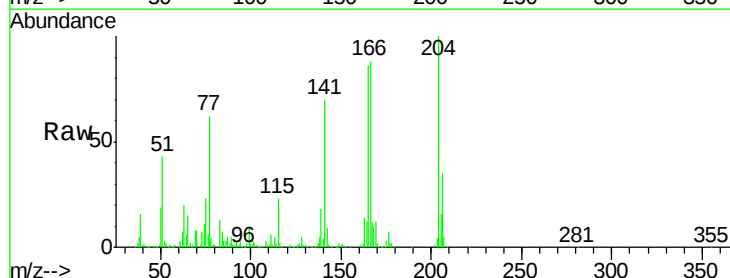
Tgt Ion:204 Resp: 534057

Ion Ratio Lower Upper

204 100

206 34.7 28.5 42.7

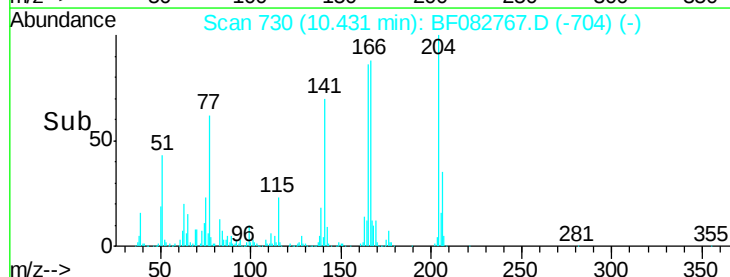
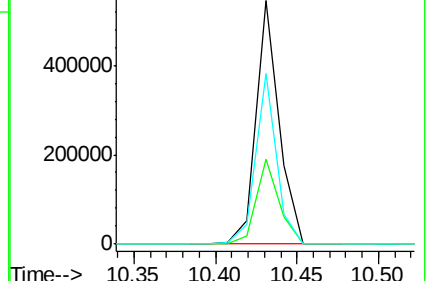
141 70.2 44.6 66.8#

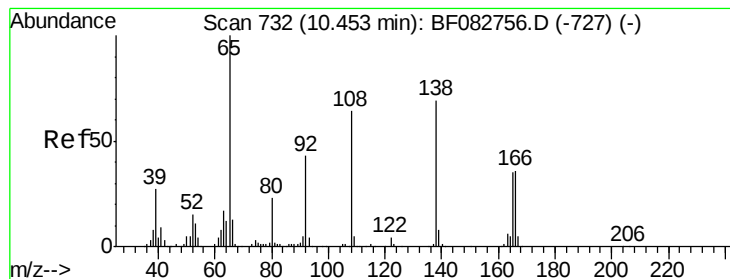


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.38 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

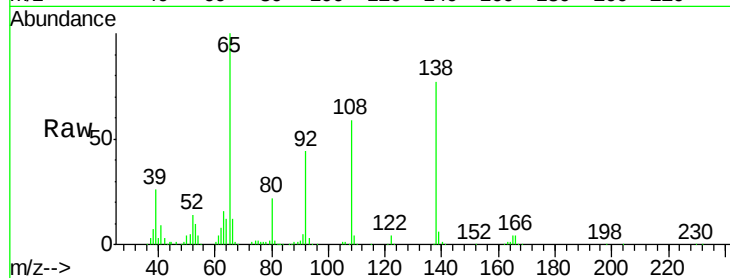
Tgt Ion:138 Resp: 297675

Ion Ratio Lower Upper

138 100

92 56.6 45.8 85.8

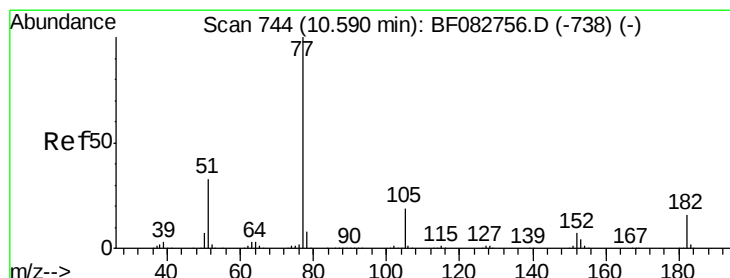
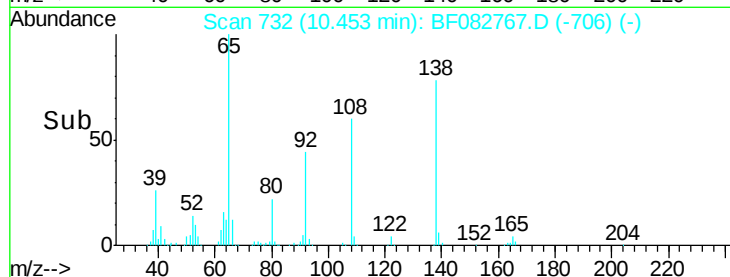
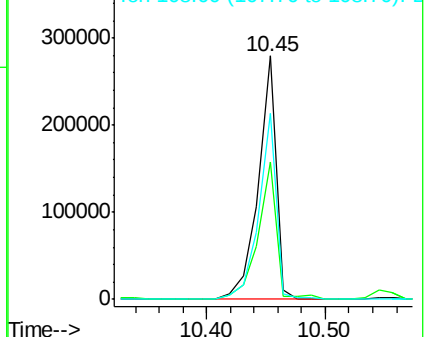
108 76.6 89.4 129.4#



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: 33.65 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion: 77 Resp: 1465146

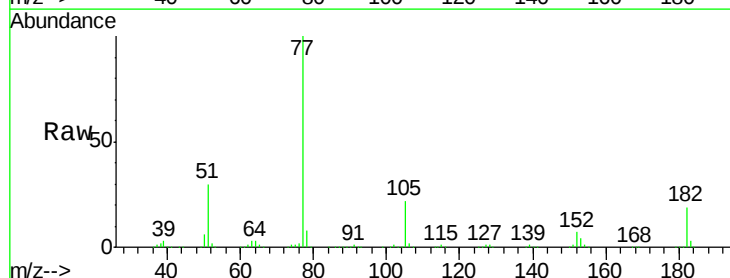
Ion Ratio Lower Upper

77 100

182 19.2 9.3 49.3

105 21.8 2.6 42.6

51 30.0 9.9 49.9

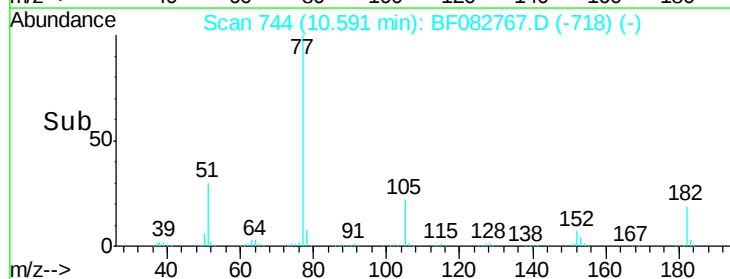
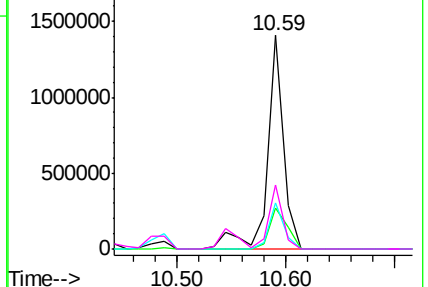


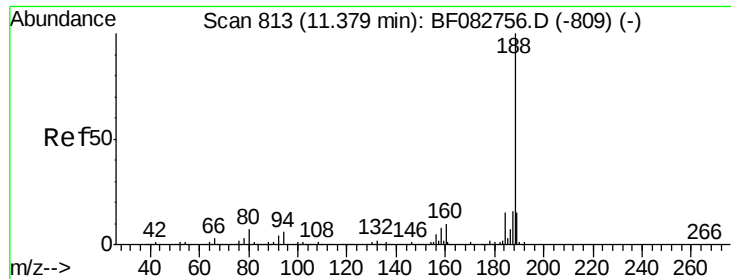
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

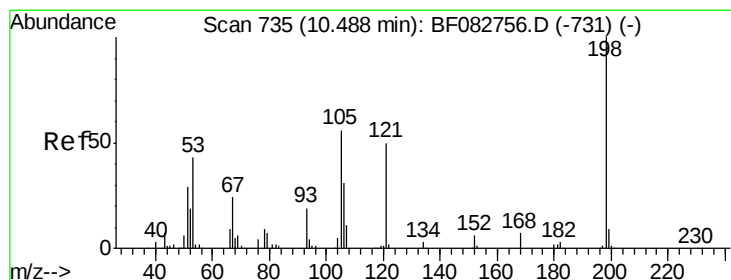
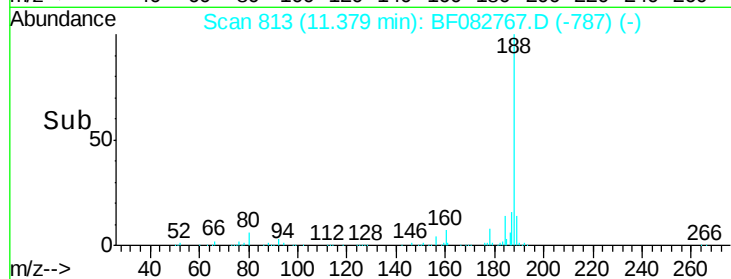
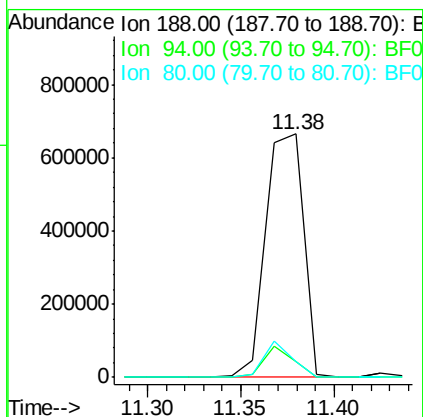
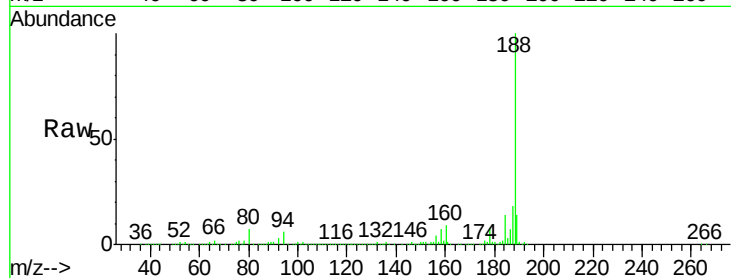




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

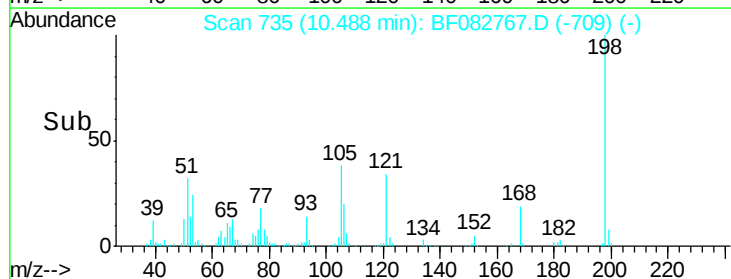
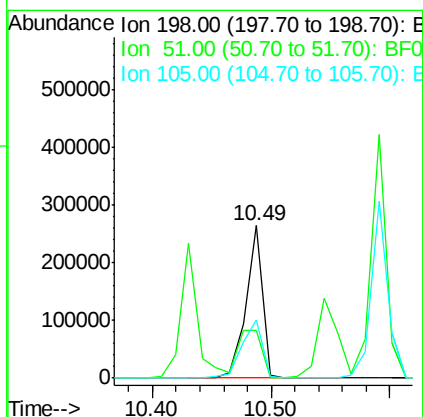
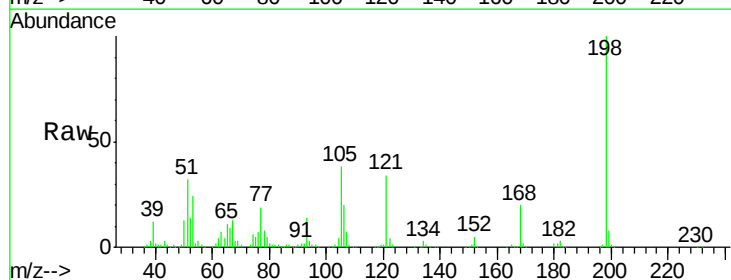
Instrument :
BNA_F
ClientSampleId :
PB86432BS

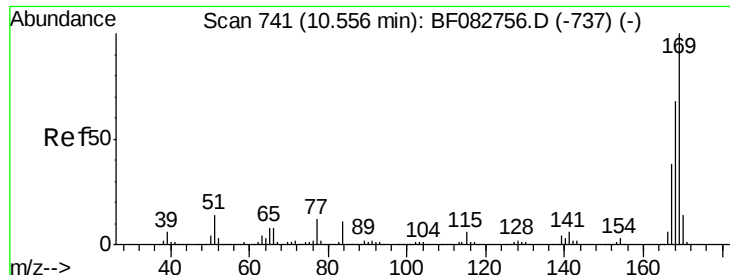
Tgt Ion:188 Resp: 935897
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 6.6 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.78 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion:198 Resp: 258571
Ion Ratio Lower Upper
198 100
51 31.6 17.3 57.3
105 38.0 21.7 61.7

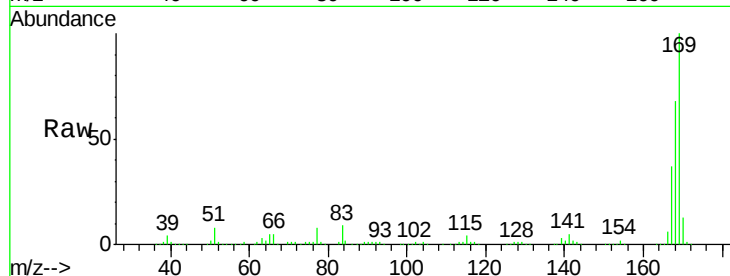




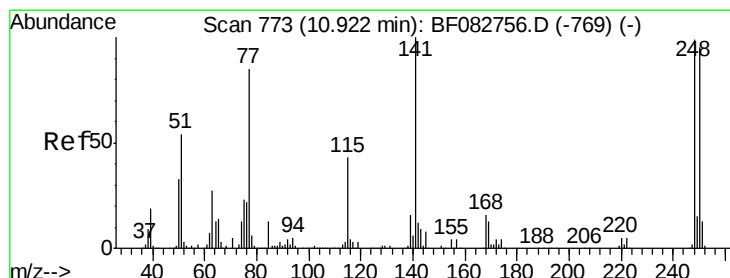
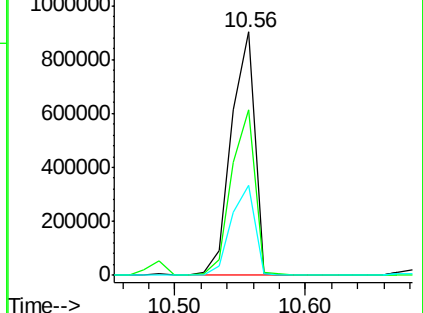
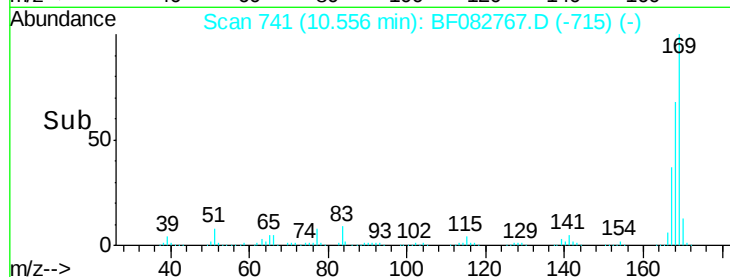
#65
n-Nitrosodiphenylamine
Concen: 33.01 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tgt Ion:169 Resp: 1116224
Ion Ratio Lower Upper
169 100
168 68.1 55.0 82.6
167 37.2 30.5 45.7

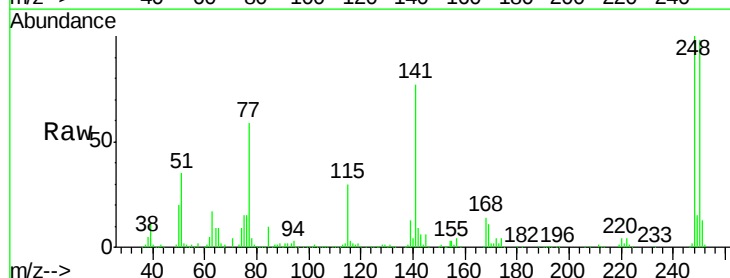


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

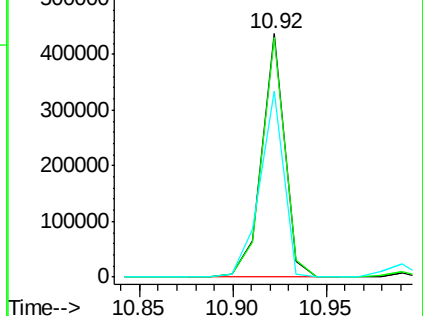
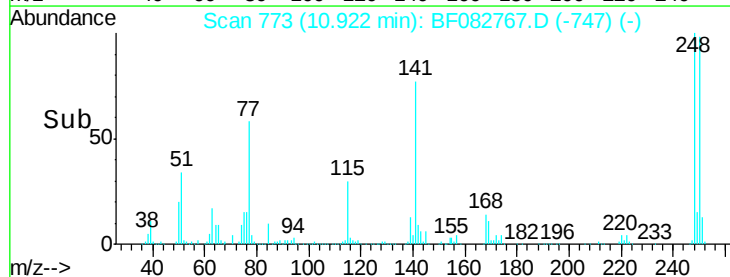


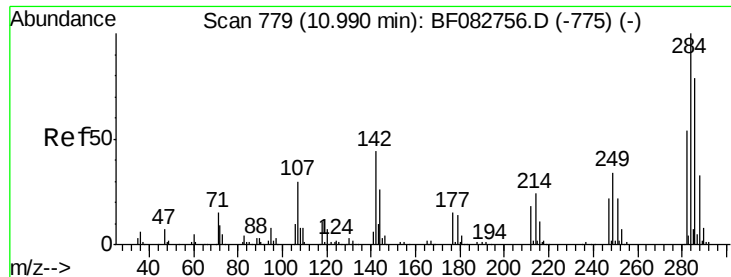
#66
4-Bromophenyl-phenylether
Concen: 32.71 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion:248 Resp: 368654
Ion Ratio Lower Upper
248 100
250 98.5 79.4 119.2
141 76.6 36.3 54.5#



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

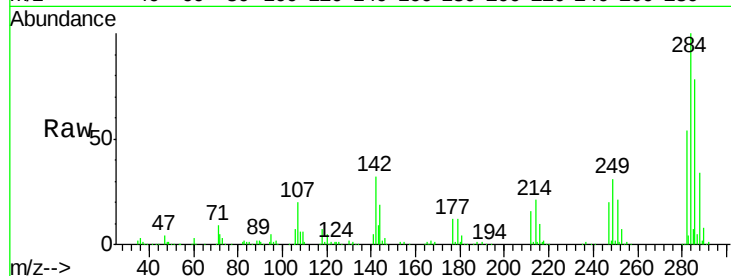




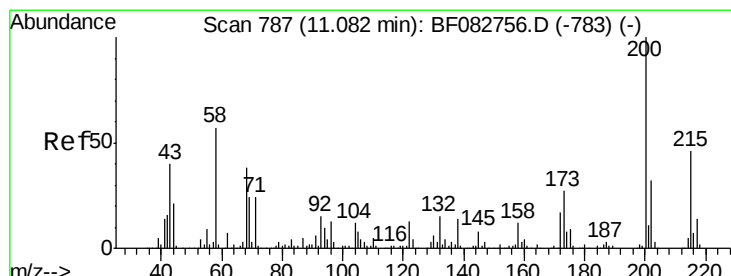
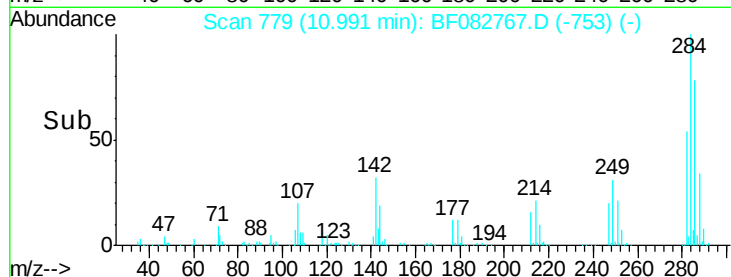
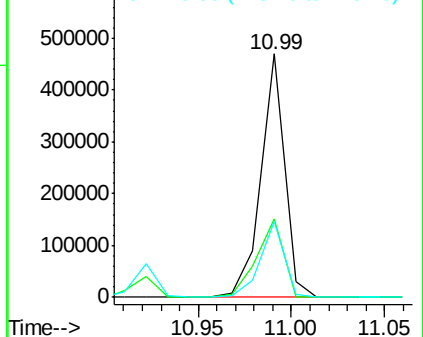
#67
Hexachlorobenzene
Concen: 32.52 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tgt Ion: 284 Resp: 409152
Ion Ratio Lower Upper
284 100
142 32.0 47.9 71.9#
249 31.2 29.7 44.5

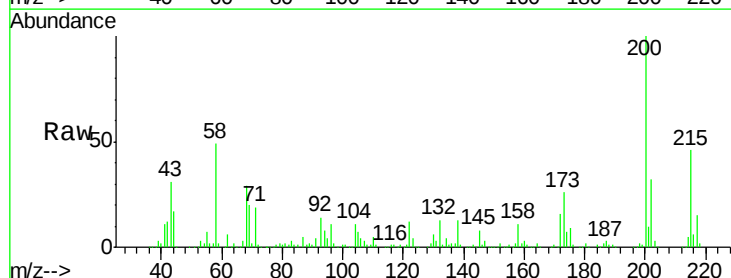


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

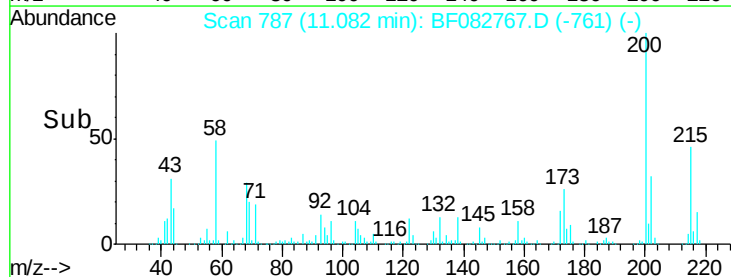
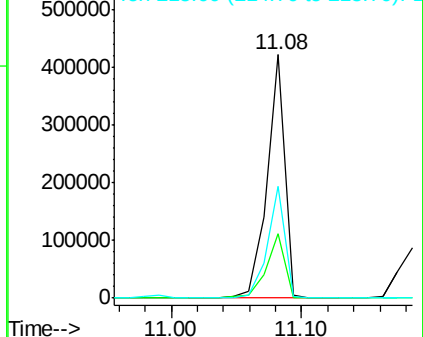


#68
Atrazine
Concen: 38.22 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion: 200 Resp: 399559
Ion Ratio Lower Upper
200 100
173 26.3 6.9 46.9
215 45.9 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

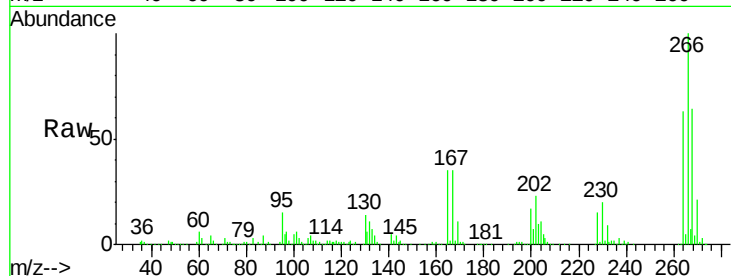




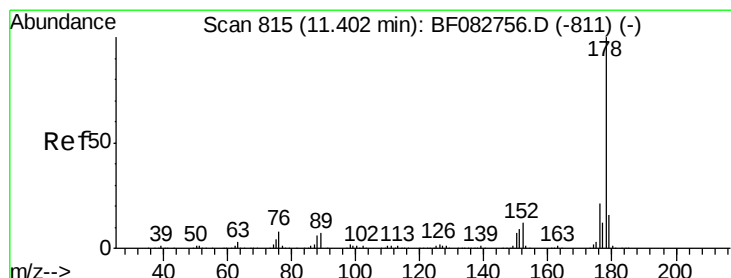
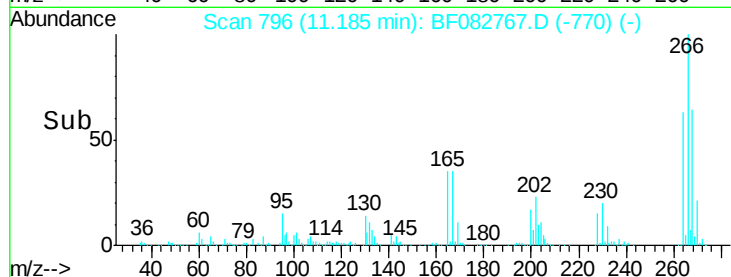
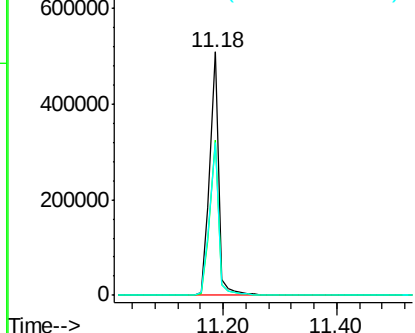
#69
 Pentachlorophenol
 Concen: 70.14 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tgt Ion:266 Resp: 535953
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 62.8 50.6 75.8

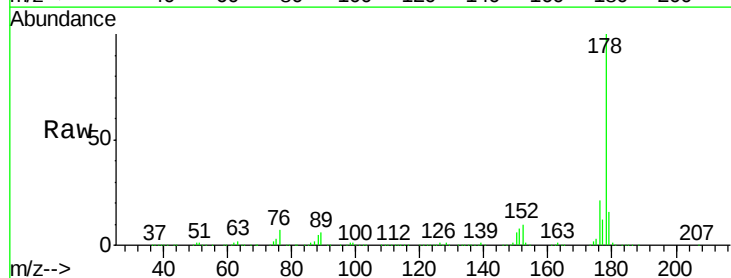


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

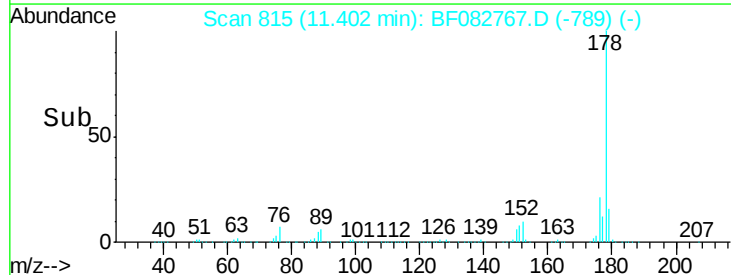
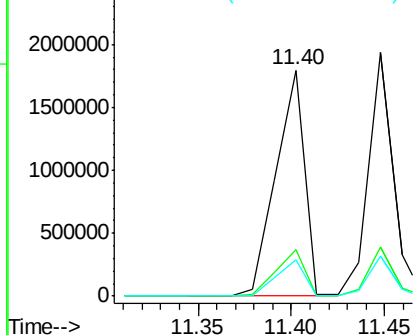


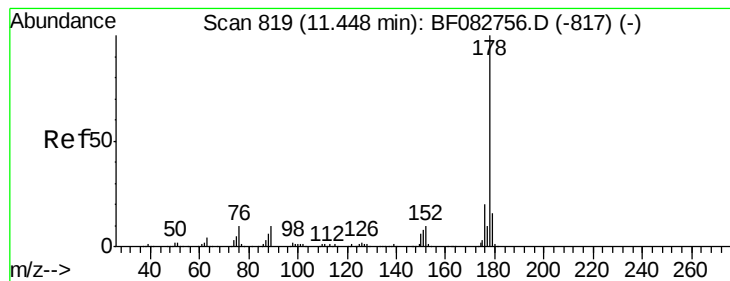
#70
 Phenanthrene
 Concen: 35.39 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:178 Resp: 1923612
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.4
 179 16.2 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: 30.39 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

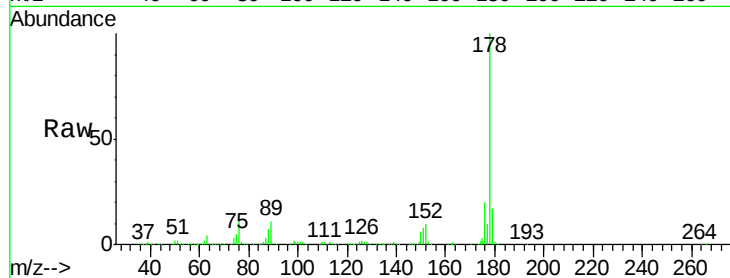
Tgt Ion:178 Resp: 1739986

Ion Ratio Lower Upper

178 100

176 20.2 16.5 24.7

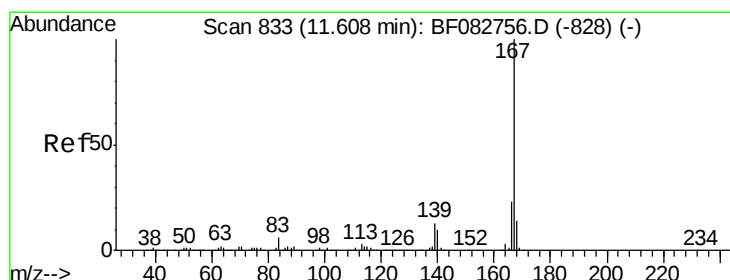
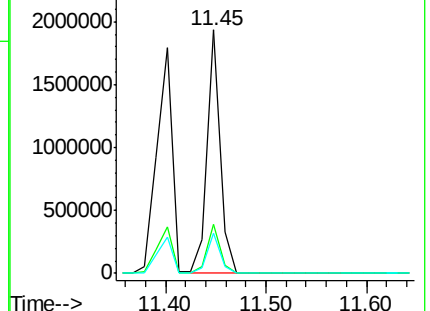
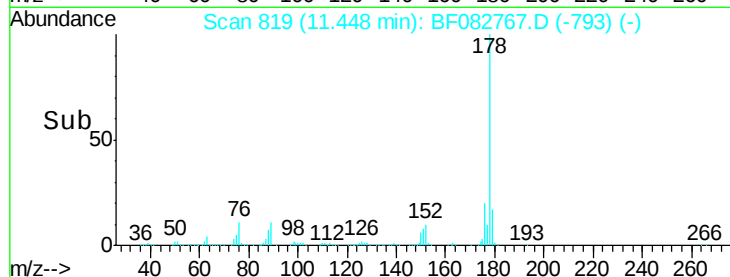
179 16.7 13.2 19.8



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: 33.24 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

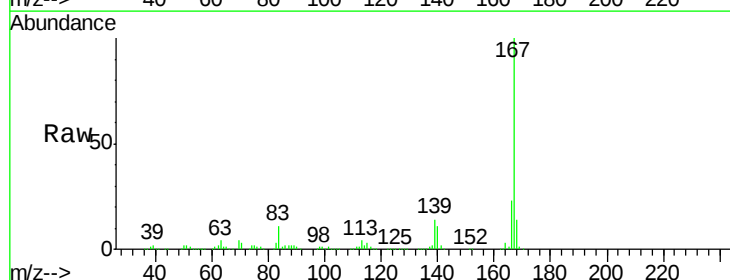
Tgt Ion:167 Resp: 1665714

Ion Ratio Lower Upper

167 100

166 22.5 18.7 28.1

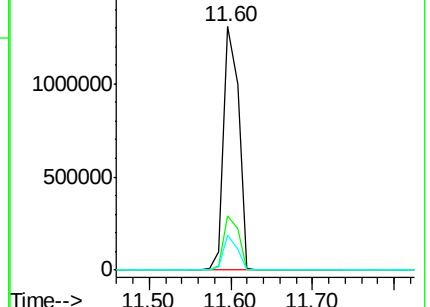
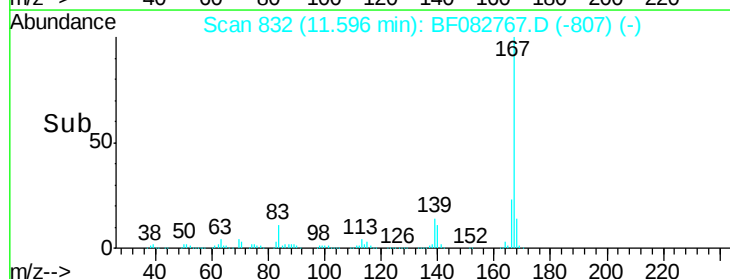
139 14.4 11.8 17.6

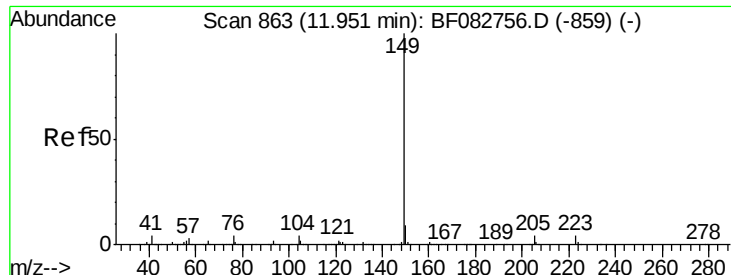


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.42 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

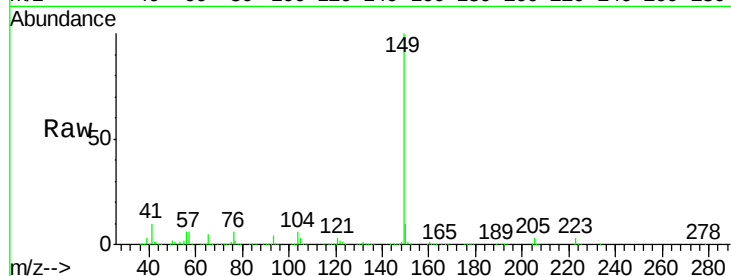
Tgt Ion:149 Resp: 1961989

Ion Ratio Lower Upper

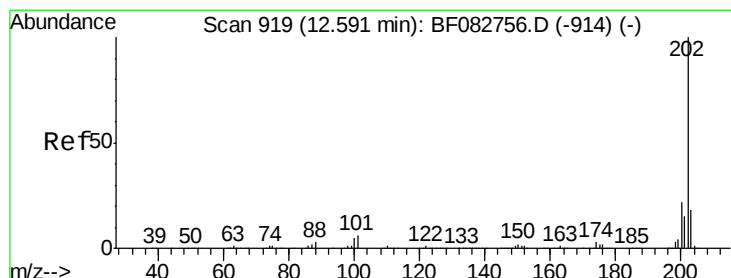
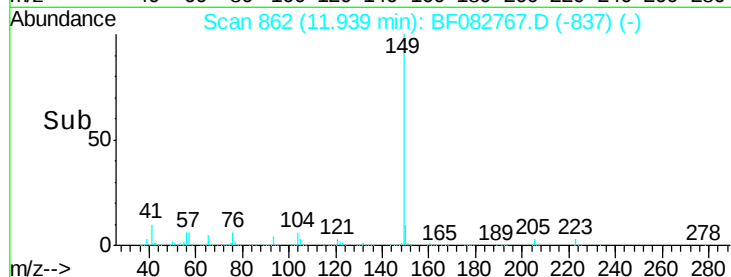
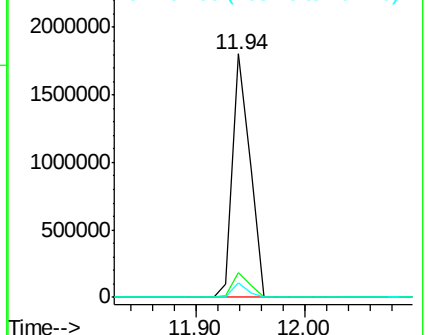
149 100

150 10.1 8.1 12.1

104 5.9 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: 31.49 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

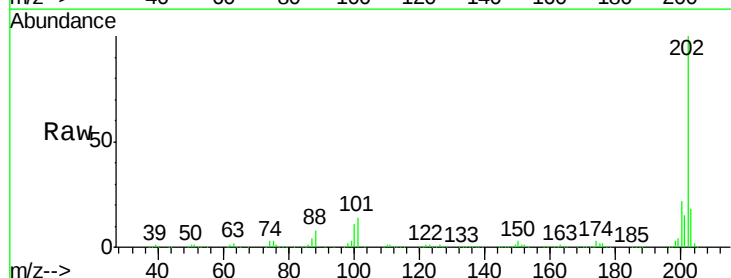
Tgt Ion:202 Resp: 1836587

Ion Ratio Lower Upper

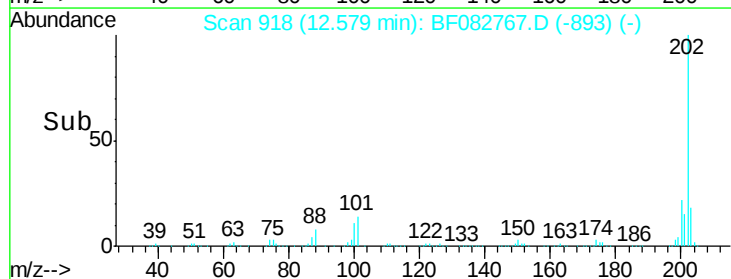
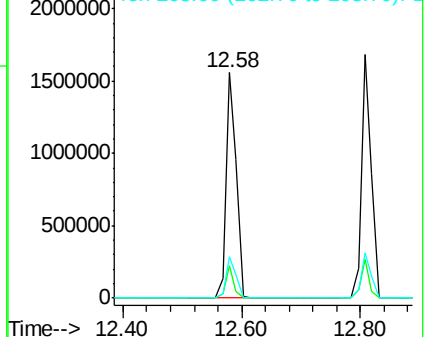
202 100

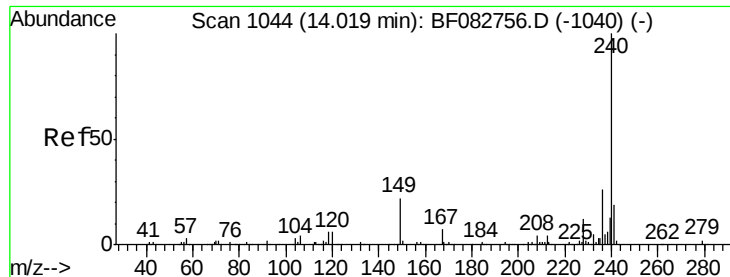
101 14.2 0.0 30.5

203 18.4 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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

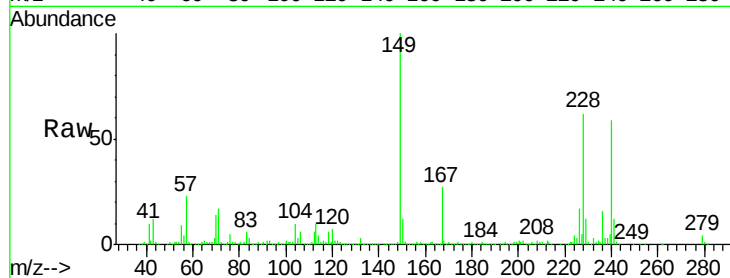
Tgt Ion:240 Resp: 544119

Ion Ratio Lower Upper

240 100

120 11.9 10.9 16.3

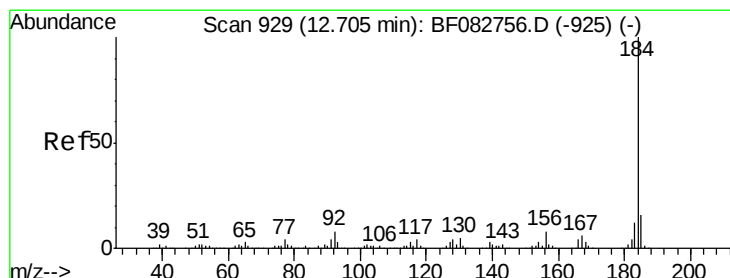
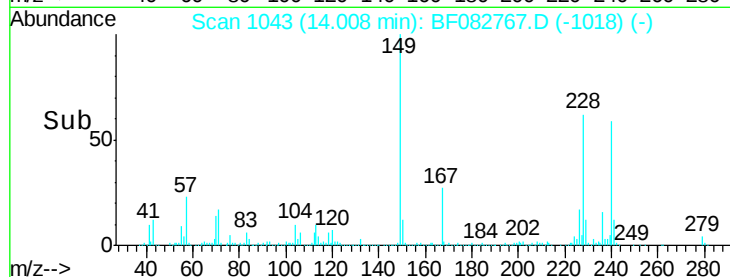
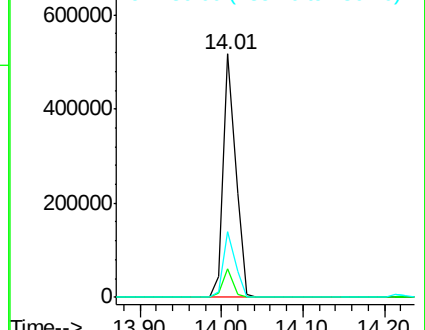
236 26.8 21.6 32.4



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: 41.43 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

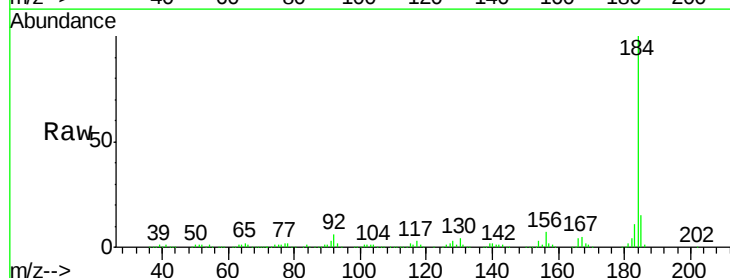
Tgt Ion:184 Resp: 755539

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

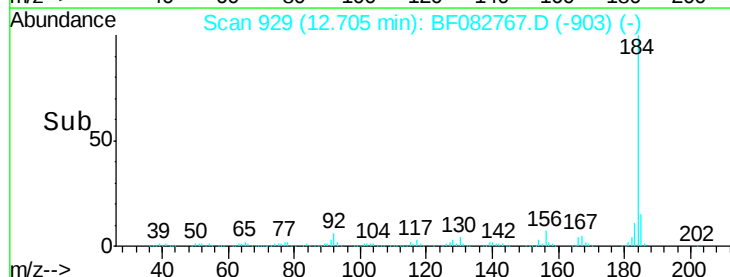
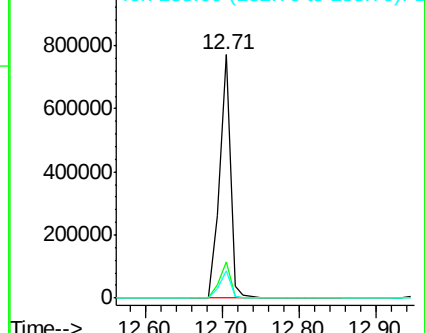
183 11.3 9.6 14.4

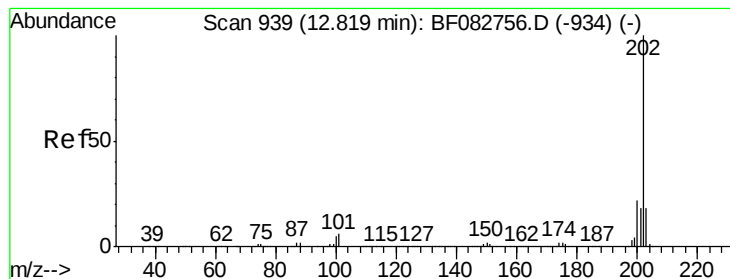


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.79 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

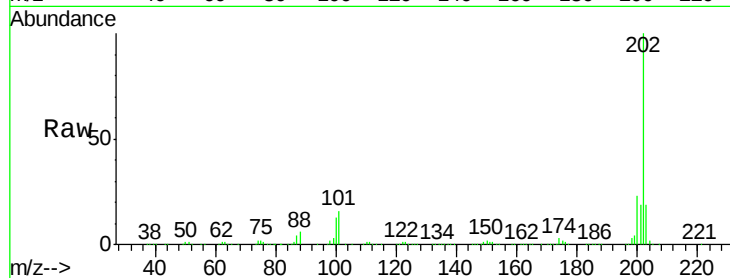
Tgt Ion:202 Resp: 1897739

Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

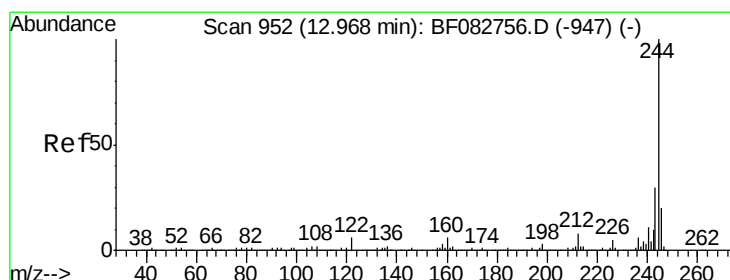
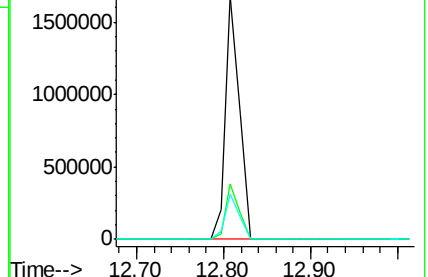
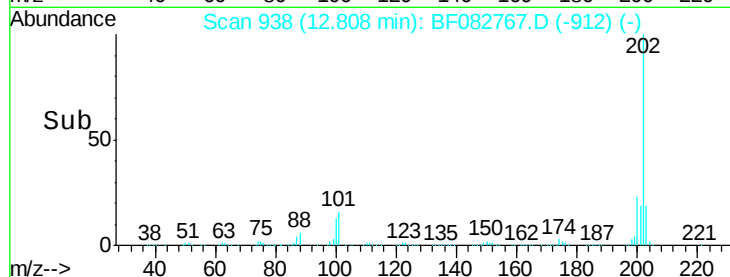
203 18.7 14.8 22.2



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: 101.57 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

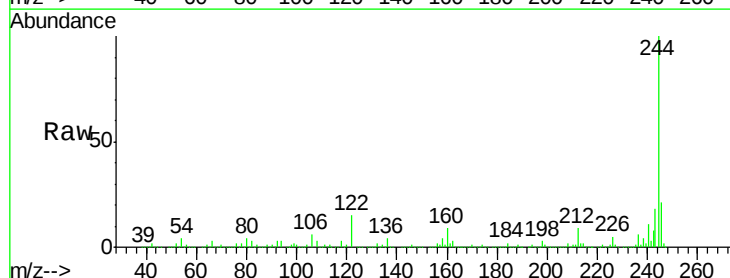
Tgt Ion:244 Resp: 2330089

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

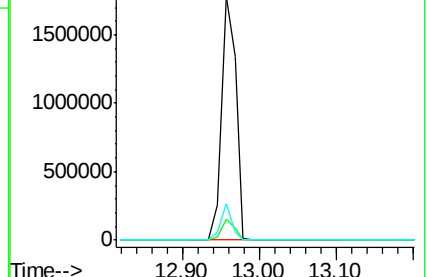
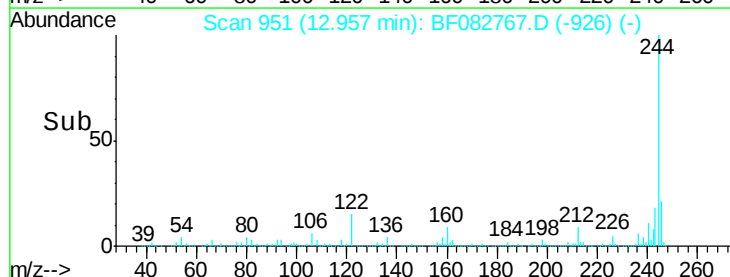
122 14.9 11.3 16.9

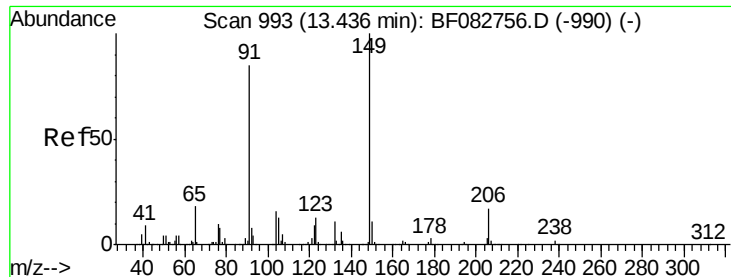


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

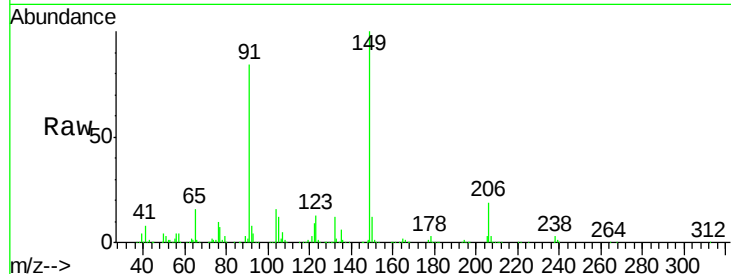




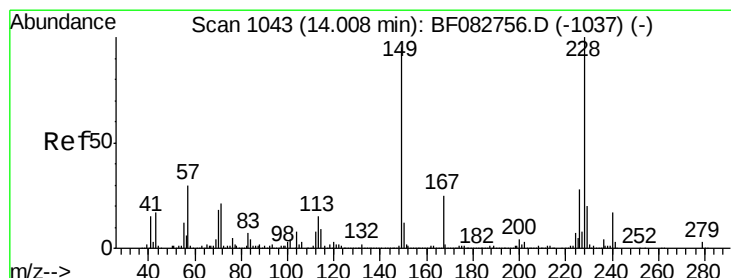
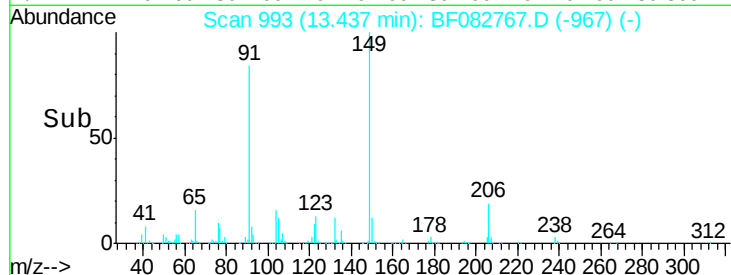
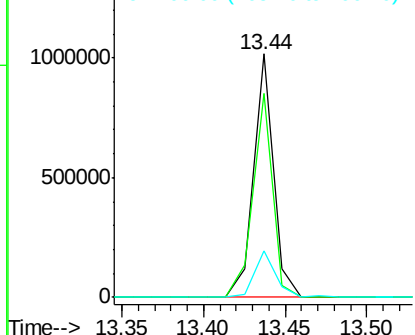
#79
Butylbenzylphthalate
Concen: 52.38 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tgt Ion:149 Resp: 864623
Ion Ratio Lower Upper
149 100
91 84.0 67.7 101.5
206 19.0 14.6 22.0

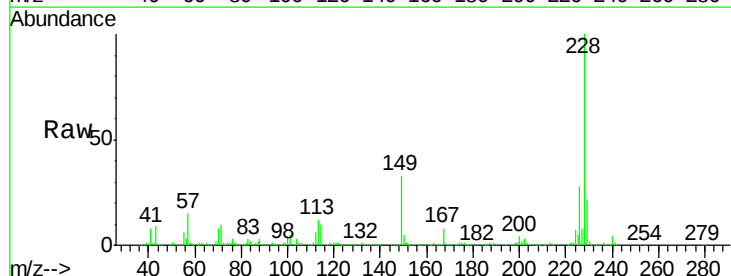


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

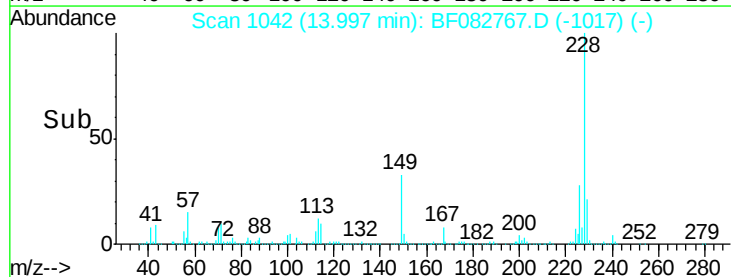
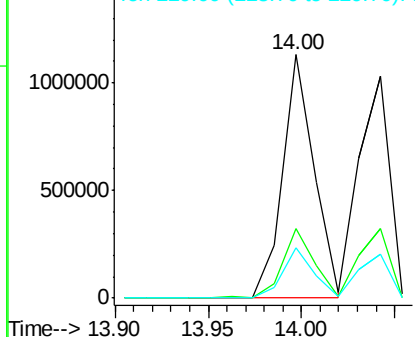


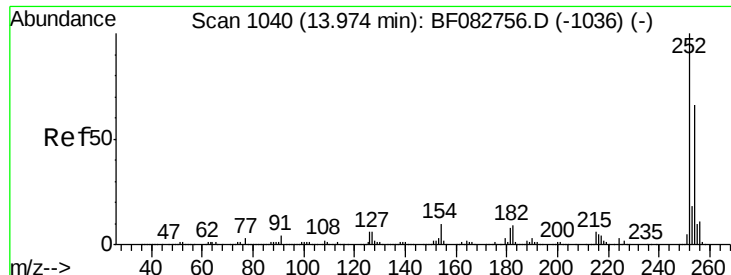
#80
Benzo(a)anthracene
Concen: 39.26 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion:228 Resp: 1335736
Ion Ratio Lower Upper
228 100
226 28.3 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

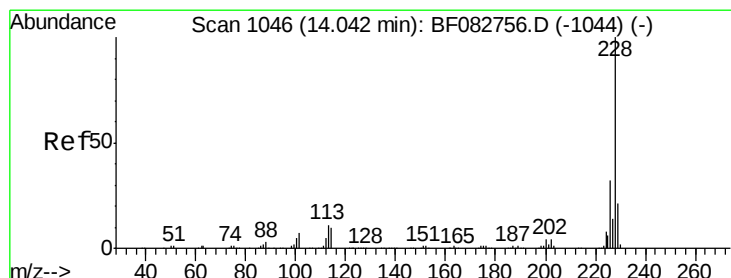
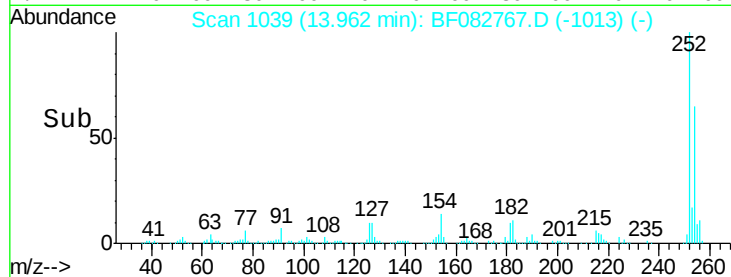
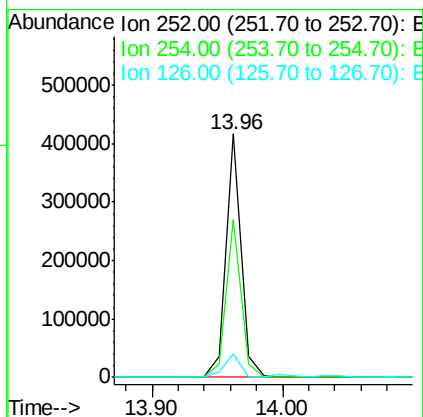
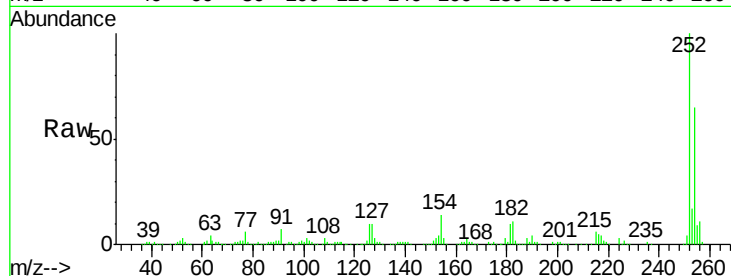




#81
 3,3'-Dichlorobenzidine
 Concen: 27.96 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

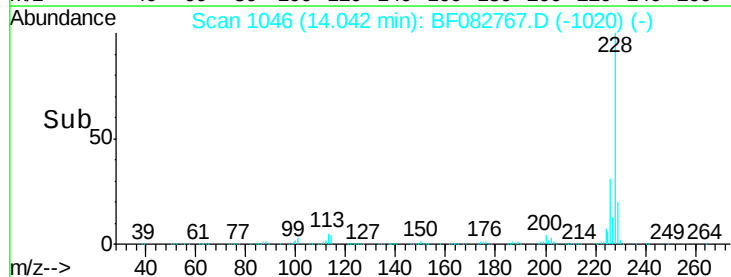
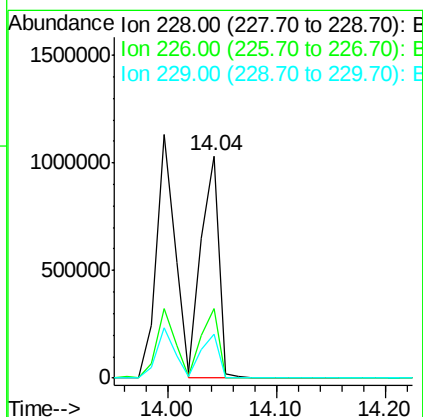
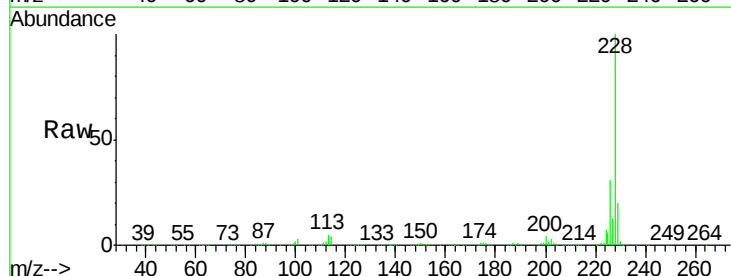
Instrument :
 BNA_F
 ClientSampled :
 PB86432BS

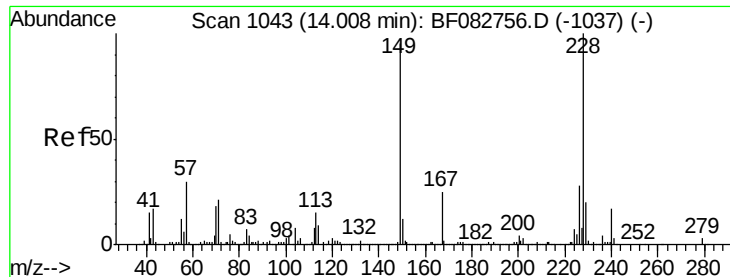
Tgt Ion:252 Resp: 338261
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.4 77.0
 126 9.7 10.7 16.1#



#82
 Chrysene
 Concen: 37.62 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:228 Resp: 1172499
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.5 38.3
 229 20.0 16.3 24.5

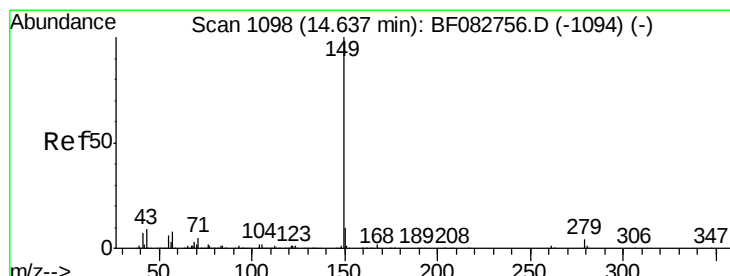
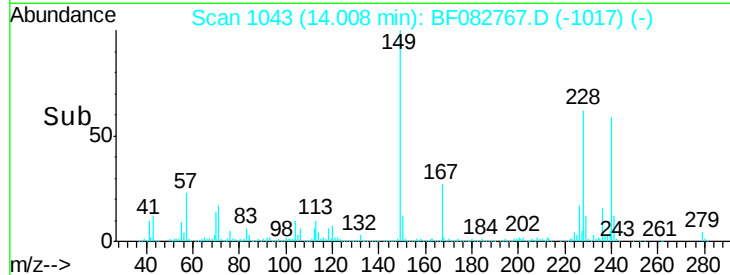
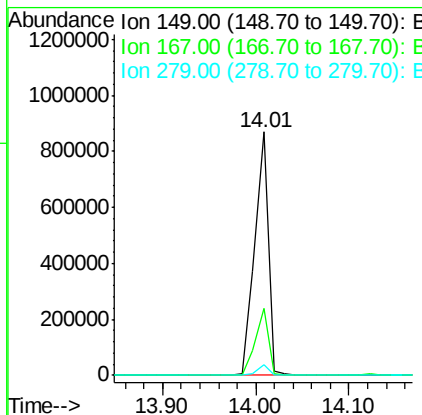
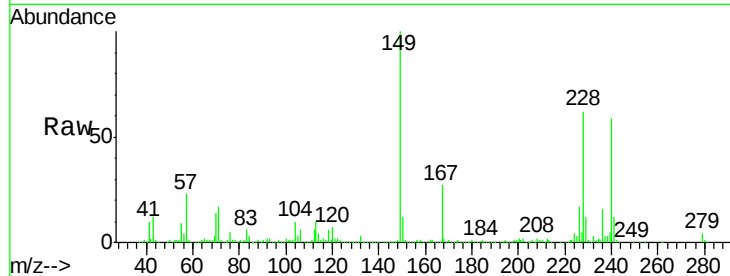




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.66 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

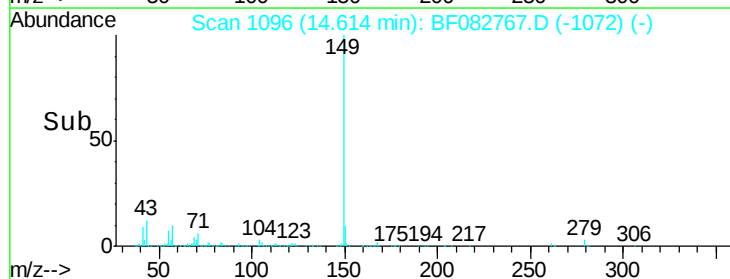
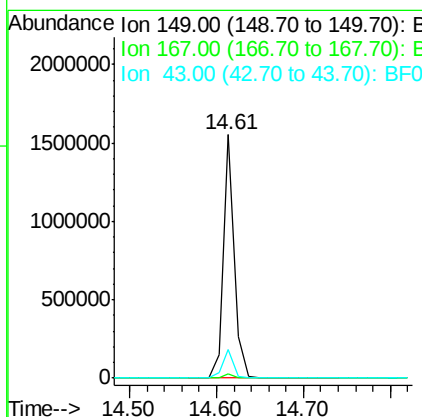
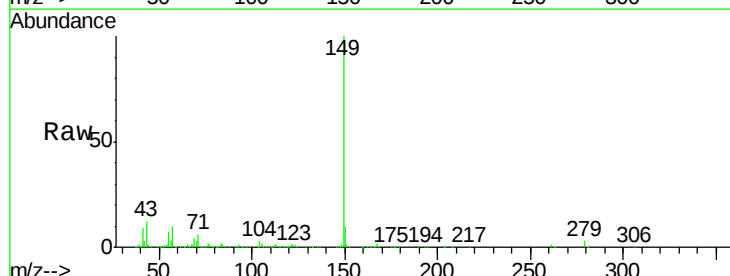
Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

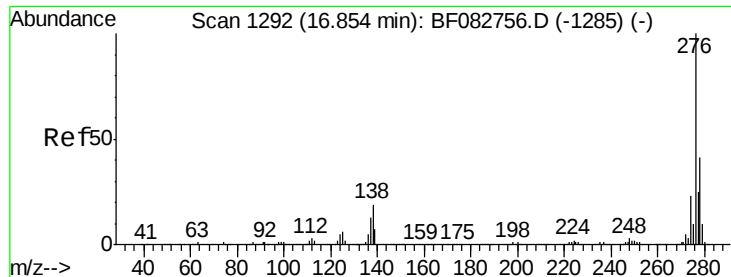
Tgt Ion:149 Resp: 873466
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 4.1 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 36.13 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:149 Resp: 1361659
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.6 10.1 15.1

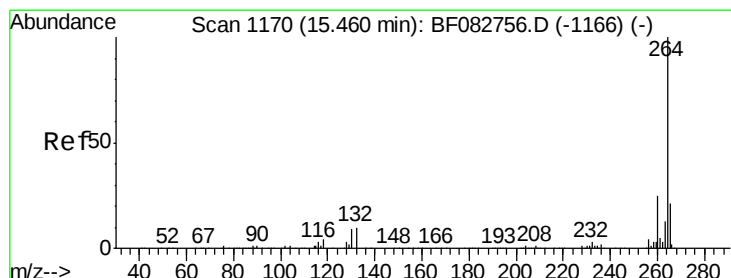
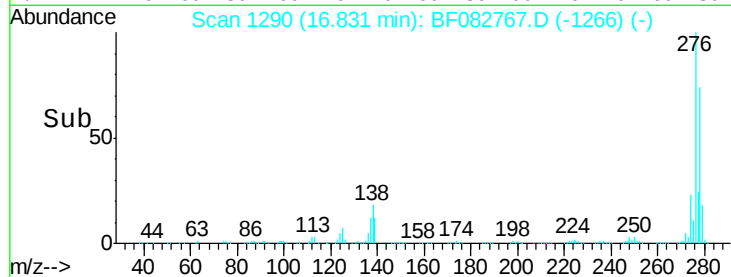
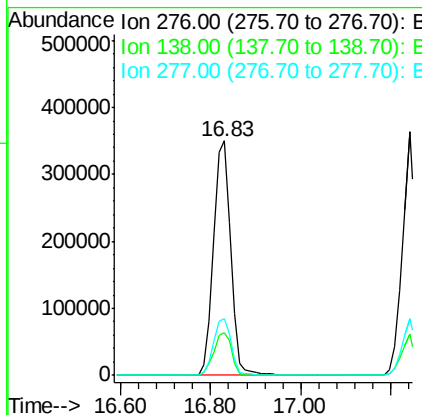
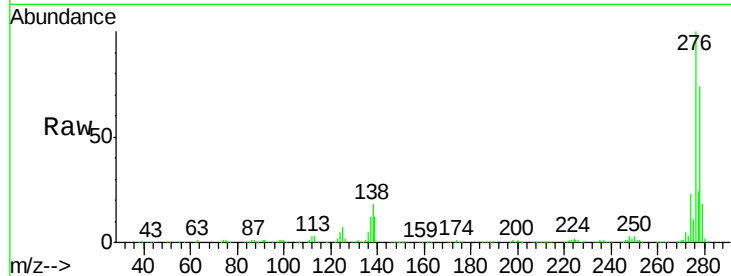




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.00 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

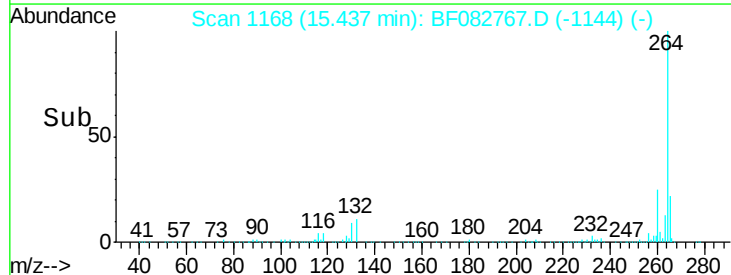
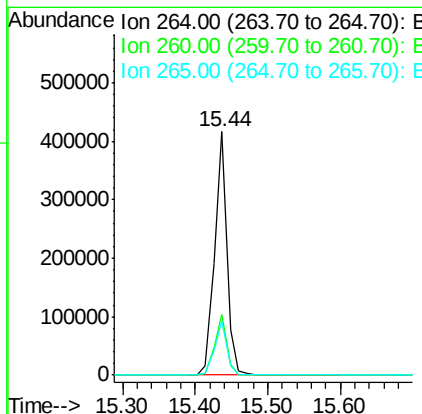
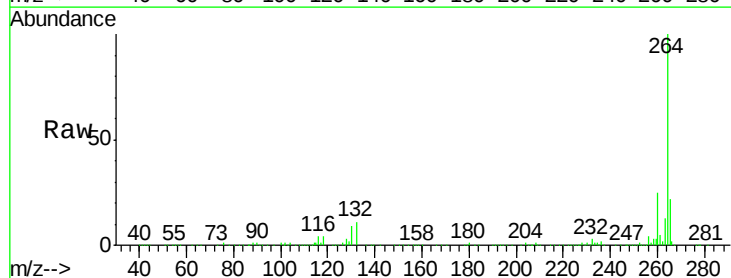
Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

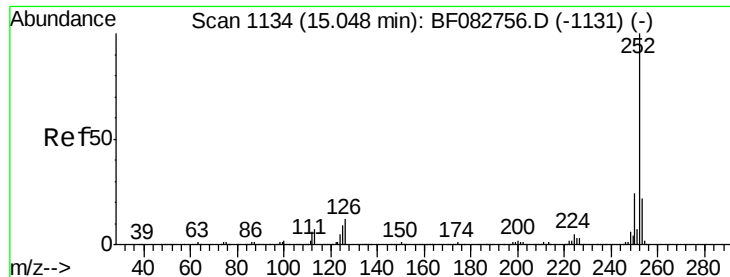
Tgt Ion: 276 Resp: 939277
 Ion Ratio Lower Upper
 276 100
 138 18.9 15.3 22.9
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion: 264 Resp: 492246
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 22.3 17.4 26.0

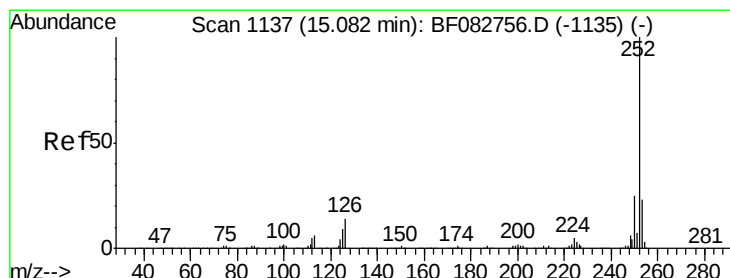
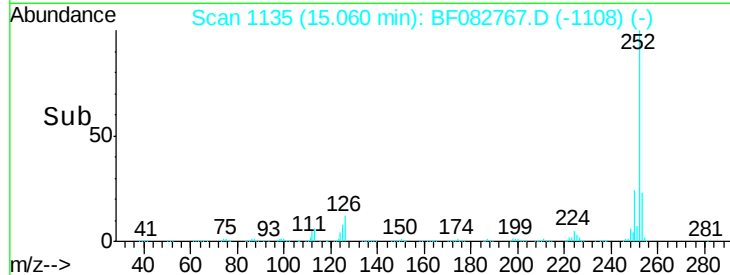
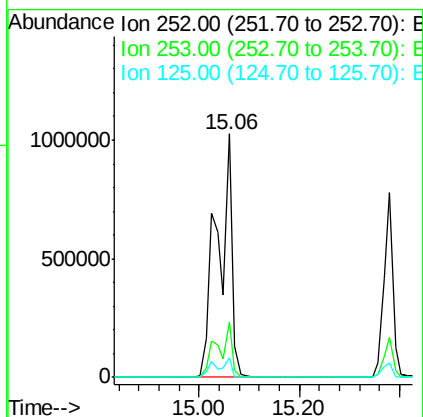
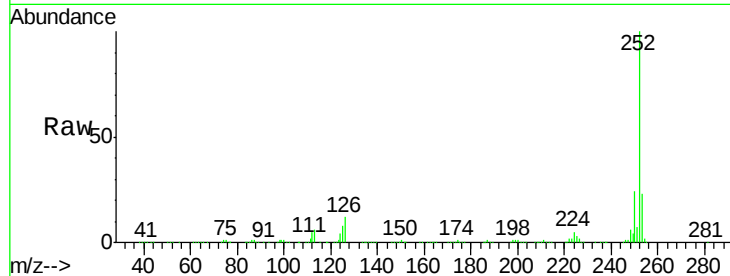




#87
Benzo(b)fluoranthene
Concen: 65.65 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

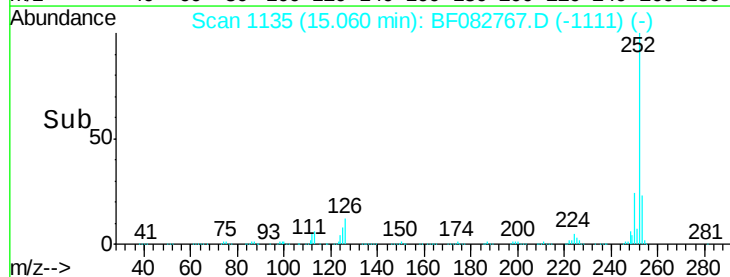
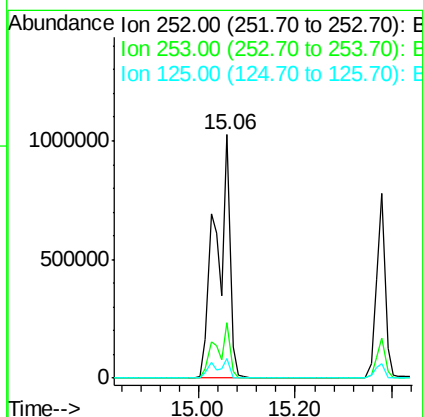
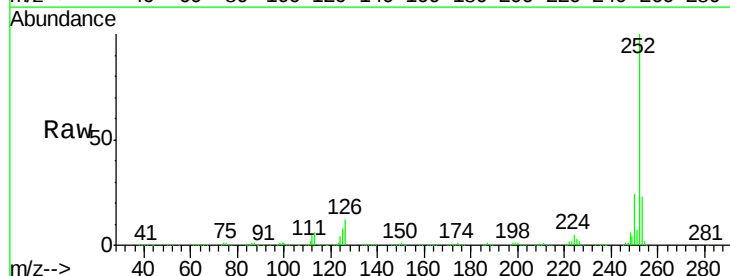
Instrument :
BNA_F
ClientSampled :
PB86432BS

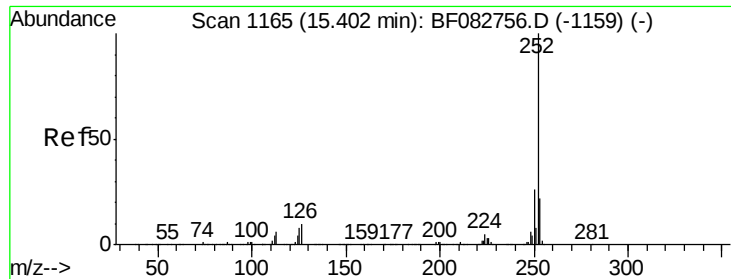
Tgt Ion:252 Resp: 2074190
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 8.0 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 74.00 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion:252 Resp: 2074212
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 8.0 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 35.70 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

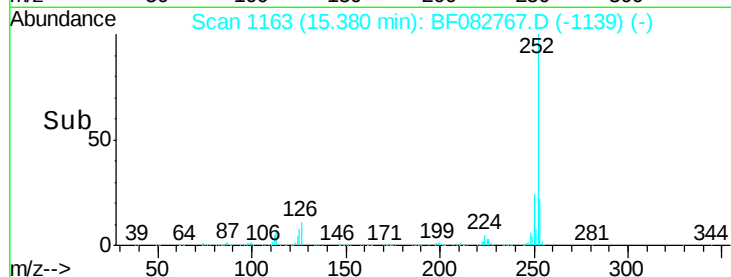
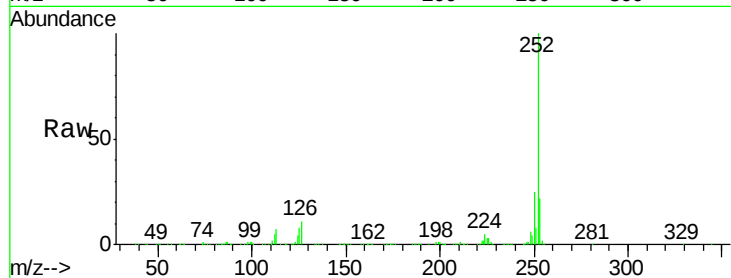
Tgt Ion:252 Resp: 977352

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

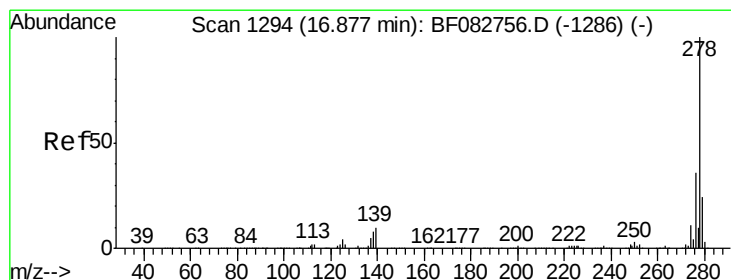
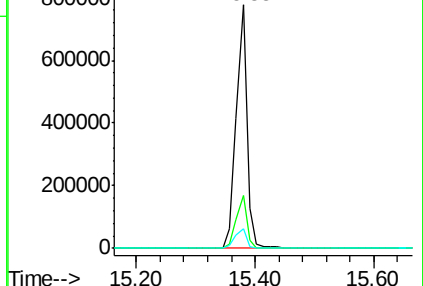
125 8.0 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.92 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

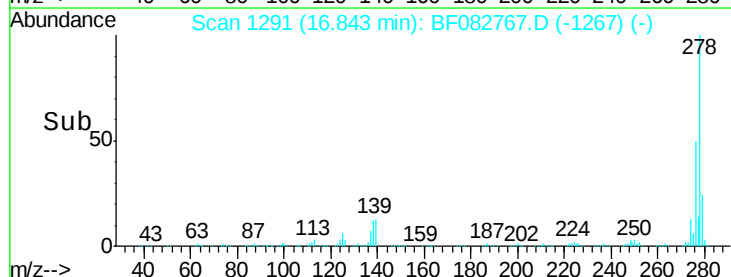
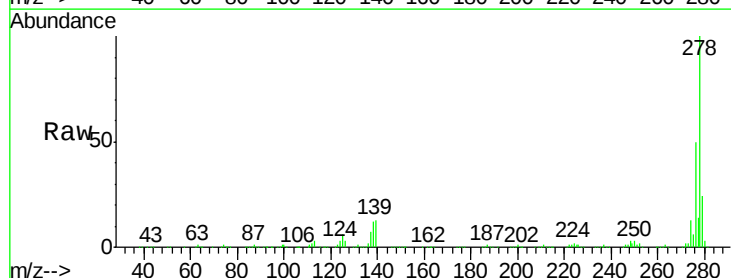
Tgt Ion:278 Resp: 786259

Ion Ratio Lower Upper

278 100

139 12.6 9.9 14.9

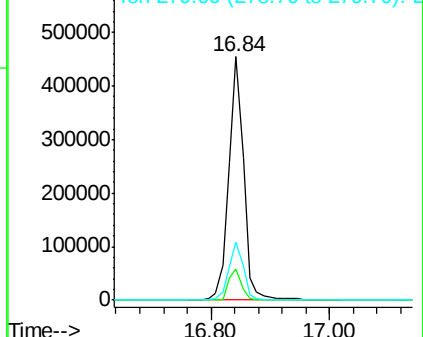
279 24.0 19.6 29.4

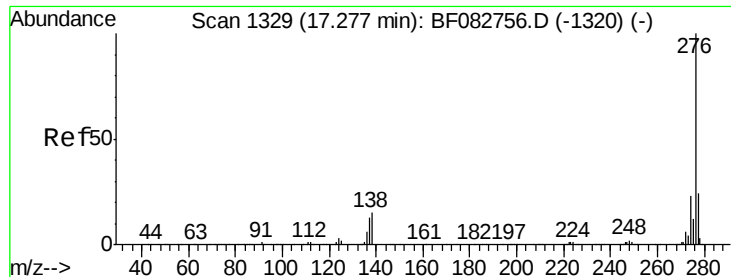


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.47 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

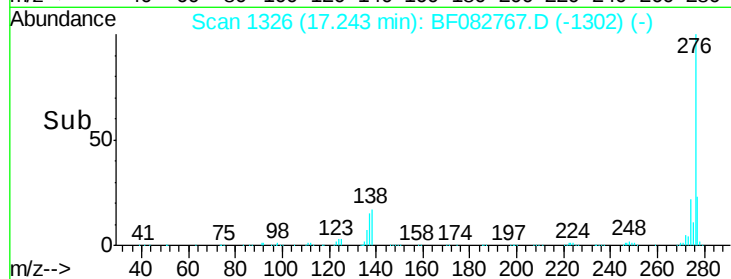
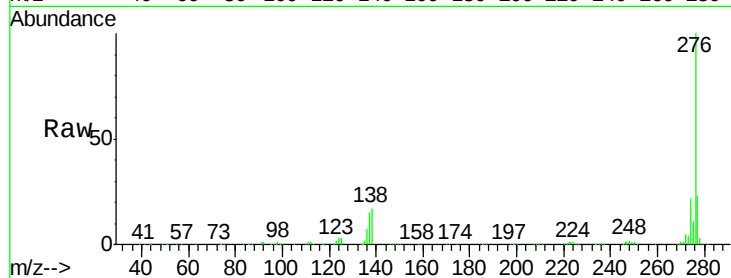
Tgt Ion: 276 Resp: 743228

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 17.0 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

