

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081647.D
 Acq On : 16 Sep 2015 13:43
 Operator : UM/IZ
 Sample : PB85464BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

Quant Time: Sep 17 05:06:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45574	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	183656	20.00	ng	-0.03
38) Acenaphthene-d10	15.22	164	89483	20.00	ng	-0.03
63) Phenanthrene-d10	18.73	188	185899	20.00	ng	-0.02
75) Chrysene-d12	23.36	240	147316	20.00	ng	-0.02
86) Perylene-d12	24.79	264	99305	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	339611	115.62	ng	0.01
7) Phenol-d6	7.62	99	461113	118.59	ng	-0.02
23) Nitrobenzene-d5	9.50	82	306001	80.39	ng	-0.03
41) 2,4,6-Tribromophenol	17.13	330	103376	129.75	ng	-0.03
44) 2-Fluorobiphenyl	13.74	172	546356	78.24	ng	-0.03
78) Terphenyl-d14	22.09	244	580443	91.72	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.62	88	37450m	28.39	ng	
3) Pyridine	2.14	79	106400	29.25	ng	# 76
4) n-Nitrosodimethylamine	2.10	42	89769	44.42	ng	# 60
6) Aniline	7.49	93	151421	27.58	ng	# 84
8) 2-Chlorophenol	7.74	128	125649	38.82	ng	# 76
9) Benzaldehyde	7.21	77	65320	26.81	ng	# 73
10) Phenol	7.65	94	162534	36.05	ng	# 57
11) bis(2-Chloroethyl)ether	7.73	93	126965	39.03	ng	# 72
12) 1,3-Dichlorobenzene	8.05	146	125919	36.41	ng	# 90
13) 1,4-Dichlorobenzene	8.23	146	130386	37.03	ng	# 89
14) 1,2-Dichlorobenzene	8.55	146	124741	39.34	ng	# 91
15) Benzyl Alcohol	8.63	79	128153	40.18	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.95	45	277935	44.57	ng	91
17) 2-Methylphenol	8.97	107	105350	40.79	ng	# 78
18) Hexachloroethane	9.28	117	53610	39.13	ng	# 88
19) n-Nitroso-di-n-propylamine	9.26	70	105899	40.02	ng	# 91
20) 3+4-Methylphenols	9.35	107	136859	39.30	ng	85
22) Acetophenone	9.18	105	192158	38.31	ng	# 75
24) Nitrobenzene	9.53	77	157203	39.77	ng	# 64
25) Isophorone	10.13	82	277613	39.21	ng	# 84
26) 2-Nitrophenol	10.26	139	64211	37.27	ng	# 25
27) 2,4-Dimethylphenol	10.54	122	115708	38.88	ng	# 76
28) bis(2-Chloroethoxy)methane	10.73	93	162263	39.68	ng	# 93
29) 2,4-Dichlorophenol	10.88	162	102970	39.90	ng	93
30) 1,2,4-Trichlorobenzene	11.00	180	107944	38.50	ng	98
31) Naphthalene	11.14	128	377443	38.54	ng	98
32) Benzoic acid	11.04	122	61668	30.03	ng	# 51
33) 4-Chloroaniline	11.37	127	99147	24.82	ng	# 80
34) Hexachlorobutadiene	11.50	225	68970	40.43	ng	98
35) Caprolactam	12.30	113	32813m	41.46	ng	
36) 4-Chloro-3-methylphenol	12.70	107	129186	44.73	ng	# 73
37) 2-Methylnaphthalene	12.79	142	253214	39.73	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	108591	38.37	ng	97
40) Hexachlorocyclopentadiene	13.18	237	113062	81.41	ng	96

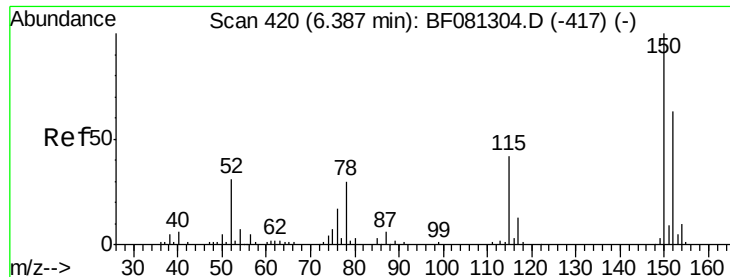
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.54	196	74120	37.95	ng	98
43) 2,4,5-Trichlorophenol	13.66	196	77990	39.14	ng #	88
45) 1,1'-Biphenyl	13.94	154	310305	37.69	ng	95
46) 2-Chloronaphthalene	13.92	162	231094	38.87	ng #	89
47) 2-Nitroaniline	14.28	65	100819	41.61	ng #	64
48) Acenaphthylene	14.88	152	399949	37.92	ng	98
49) Dimethylphthalate	14.81	163	287413	41.34	ng #	97
50) 2,6-Dinitrotoluene	14.92	165	59388	37.64	ng #	40
51) Acenaphthene	15.30	154	228517	38.09	ng	91
52) 3-Nitroaniline	15.27	138	48159	26.81	ng #	48
53) 2,4-Dinitrophenol	15.57	184	63480	78.91	ng #	27
54) Dibenzofuran	15.73	168	360136	41.11	ng #	86
55) 4-Nitrophenol	15.90	139	85676	75.92	ng #	19
56) 2,4-Dinitrotoluene	15.86	165	83254	41.44	ng #	51
57) Fluorene	16.54	166	282015	42.42	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	66242	43.55	ng	91
59) Diethylphthalate	16.52	149	317043	43.35	ng	95
60) 4-Chlorophenyl-phenylether	16.63	204	137015	44.22	ng #	83
61) 4-Nitroaniline	16.74	138	61060	33.64	ng #	21
62) Azobenzene	17.00	77	355470	43.72	ng	82
64) 4,6-Dinitro-2-methylphenol	16.84	198	41532	39.94	ng	83
65) n-Nitrosodiphenylamine	16.95	169	248297	36.71	ng	92
66) 4-Bromophenyl-phenylether	17.77	248	77302	41.12	ng #	91
67) Hexachlorobenzene	17.82	284	77215	39.29	ng #	82
68) Atrazine	18.36	200	92237	47.12	ng #	78
69) Pentachlorophenol	18.37	266	72012	75.78	ng	99
70) Phenanthrene	18.79	178	412854	39.95	ng	98
71) Anthracene	18.90	178	422862	39.83	ng	98
72) Carbazole	19.38	167	389902	39.13	ng	97
73) Di-n-butylphthalate	20.44	149	516761	43.92	ng #	98
74) Fluoranthene	21.41	202	453901	40.57	ng	89
76) Benzidine	21.72	184	204423	32.32	ng	98
77) Pyrene	21.75	202	466792	42.78	ng	98
79) Butylbenzylphthalate	22.78	149	217976	45.93	ng #	69
80) Benzo(a)anthracene	23.35	228	380585	40.57	ng	97
81) 3,3'-Dichlorobenzidine	23.36	252	89369	28.24	ng #	94
82) Chrysene	23.40	228	352783	41.95	ng	97
83) Bis(2-ethylhexyl)phthalate	23.48	149	298139	47.60	ng #	92
84) Di-n-octyl phthalate	24.13	149	442609	42.92	ng	94
85) Indeno(1,2,3-cd)pyrene	25.84	276	219650	35.60	ng #	84
87) Benzo(b)fluoranthene	24.46	252	293673m	41.42	ng	
88) Benzo(k)fluoranthene	24.48	252	249303m	42.38	ng	
89) Benzo(a)pyrene	24.76	252	259999	43.28	ng #	80
90) Dibenzo(a,h)anthracene	25.85	278	187034	40.29	ng #	78
91) Benzo(g,h,i)perylene	26.14	276	181421	40.95	ng #	74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampled :

PB85464BS

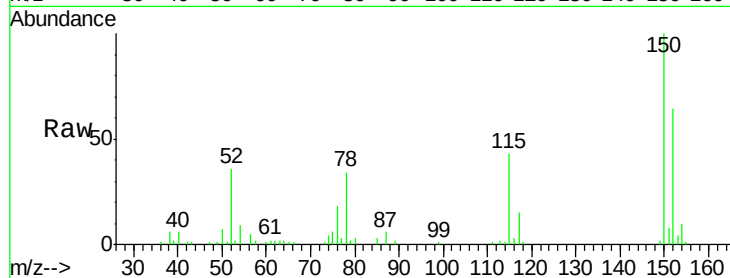
Tgt Ion:152 Resp: 45574

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

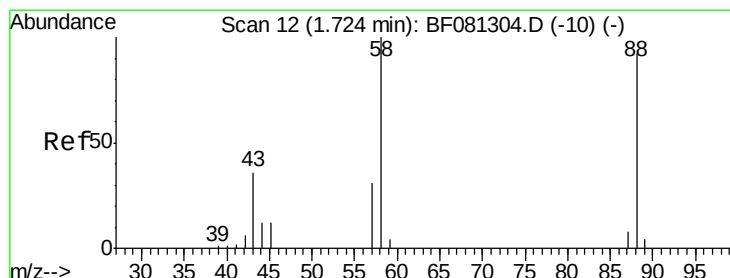
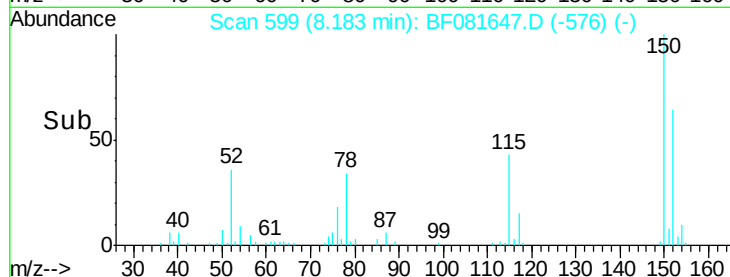
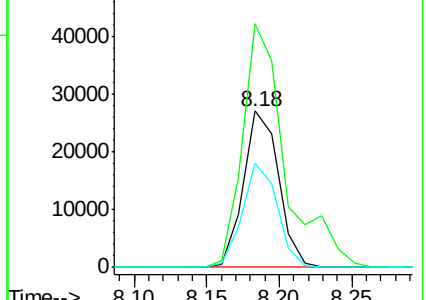
115 66.3 39.0 58.4#



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: 28.39 ng m

RT: 1.62 min Scan# 25

Delta R.T. 0.06 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

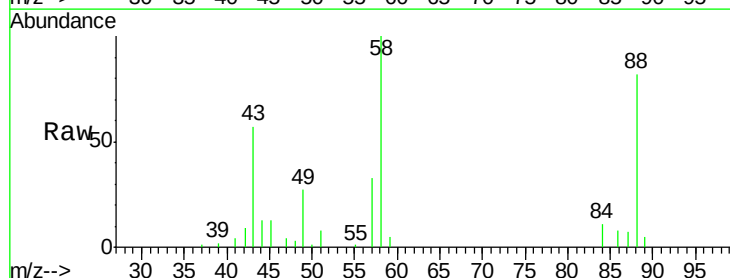
Tgt Ion: 88 Resp: 37450

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

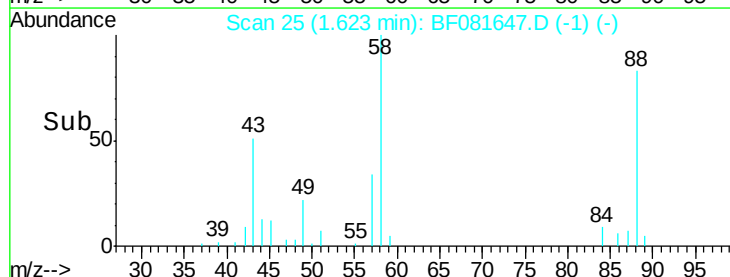
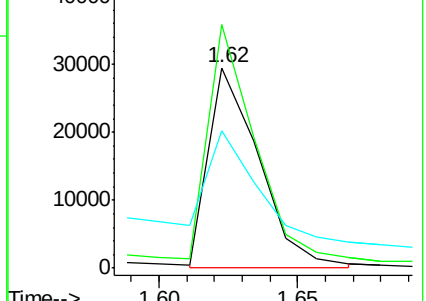
43 0.0 26.6 40.0#

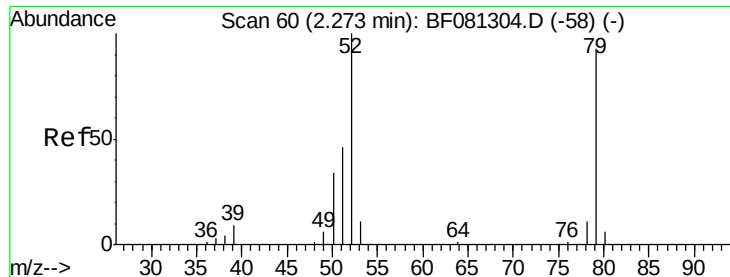


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.25 ng

RT: 2.14 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

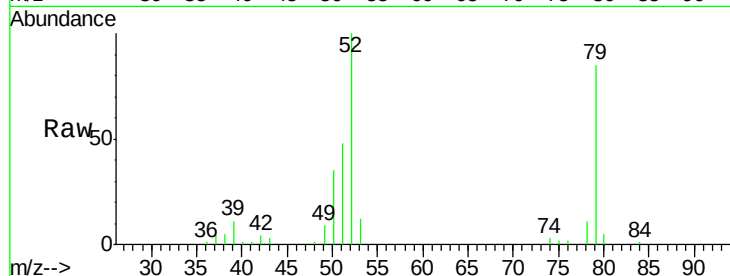
Tgt Ion: 79 Resp: 106400

Ion Ratio Lower Upper

79 100

52 117.9 76.8 115.2#

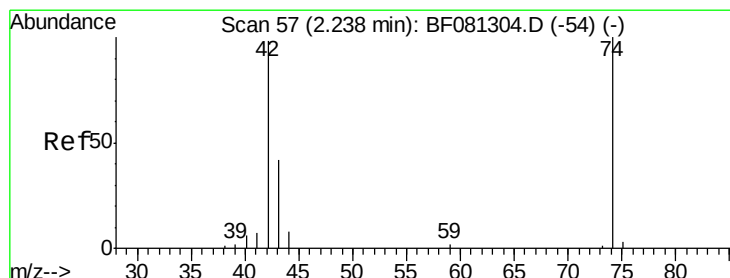
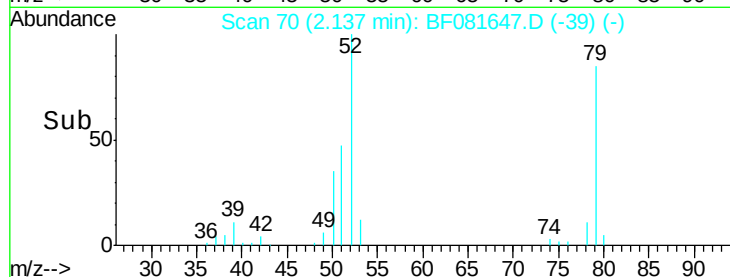
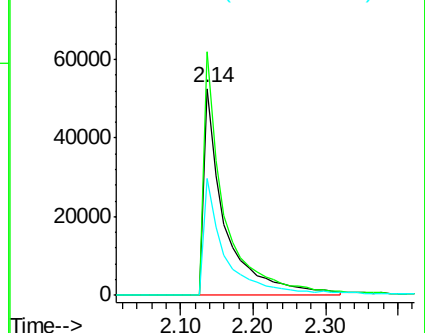
51 56.9 32.2 48.4#



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: 44.42 ng

RT: 2.10 min Scan# 67

Delta R.T. 0.05 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

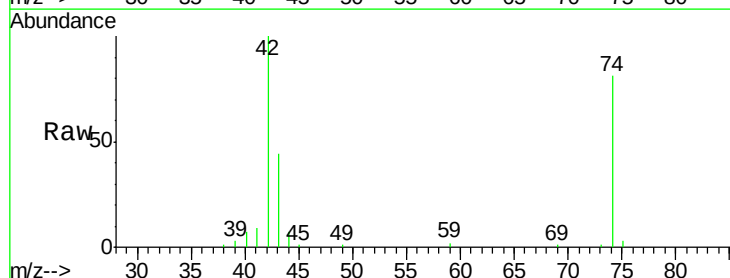
Tgt Ion: 42 Resp: 89769

Ion Ratio Lower Upper

42 100

74 81.4 105.0 157.6#

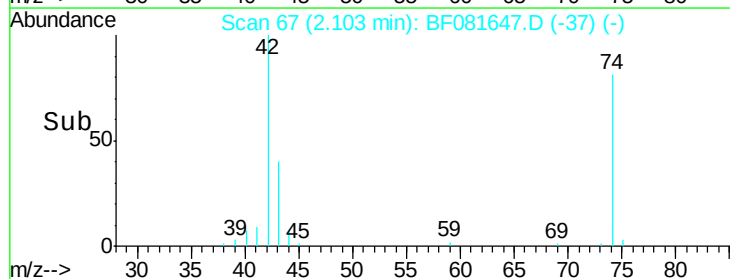
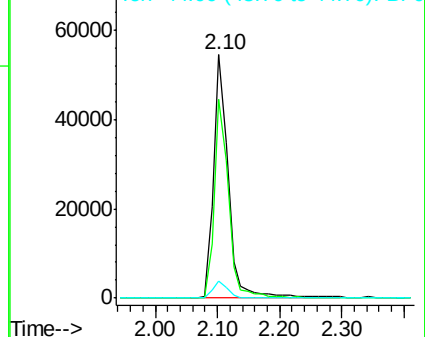
44 7.2 6.6 10.0

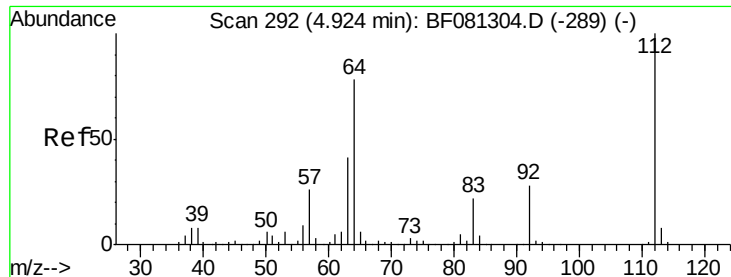


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.62 ng

RT: 5.36 min Scan# 352

Delta R.T. 0.01 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

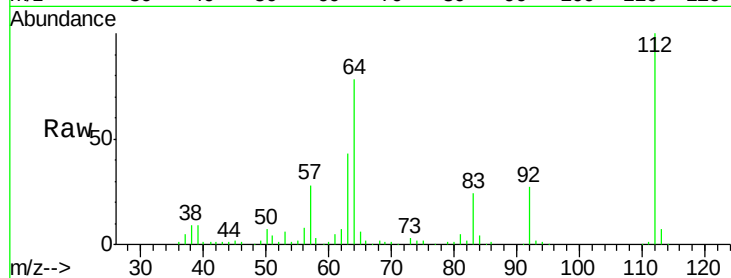
Tgt Ion: 112 Resp: 339611

Ion Ratio Lower Upper

112 100

64 77.6 39.7 59.5#

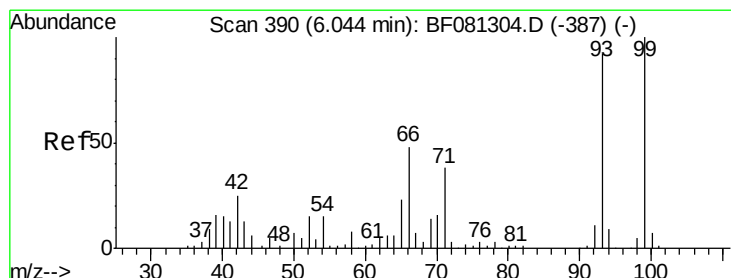
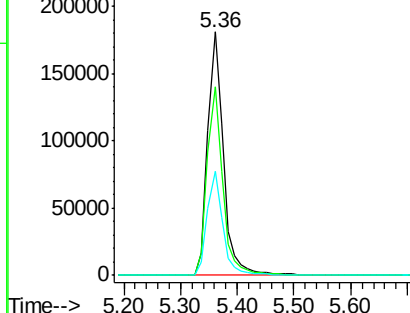
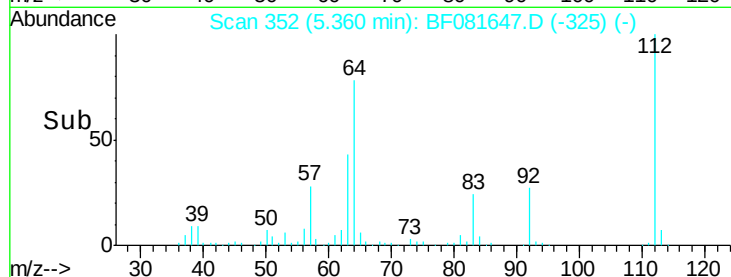
63 42.9 17.4 26.0#



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: 27.58 ng

RT: 7.49 min Scan# 538

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

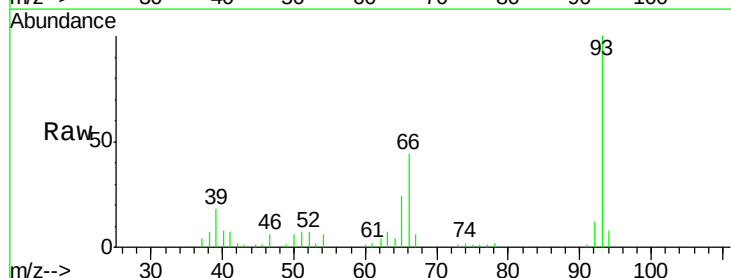
Tgt Ion: 93 Resp: 151421

Ion Ratio Lower Upper

93 100

66 44.2 27.2 40.8#

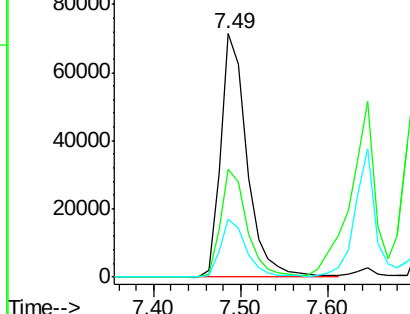
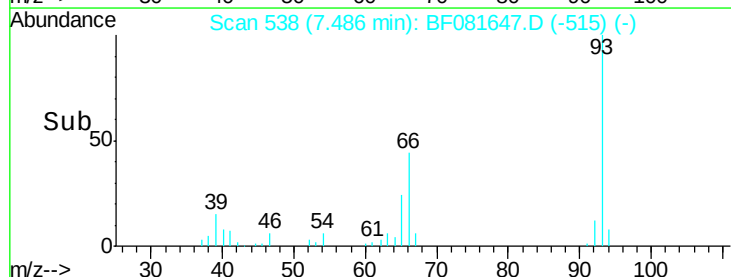
65 23.6 14.7 22.1#

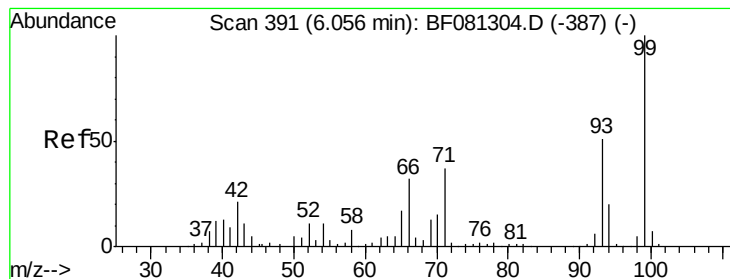


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.59 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

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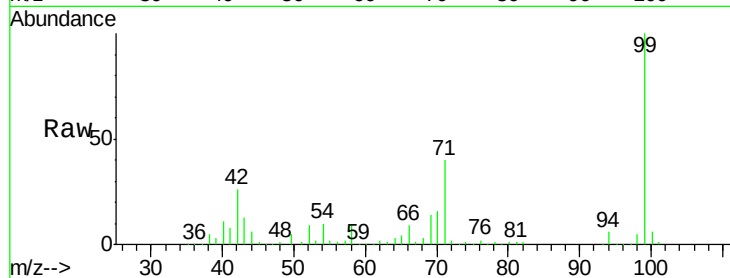
Tgt Ion: 99 Resp: 461113

Ion Ratio Lower Upper

99 100

42 25.5 13.7 20.5#

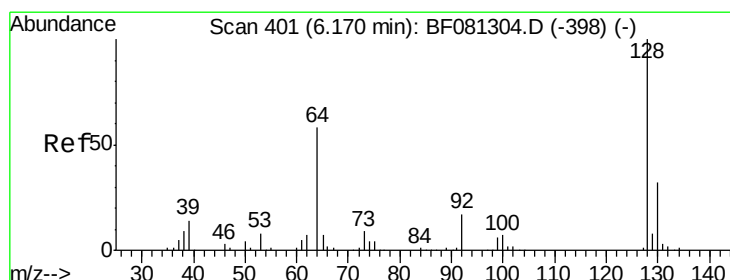
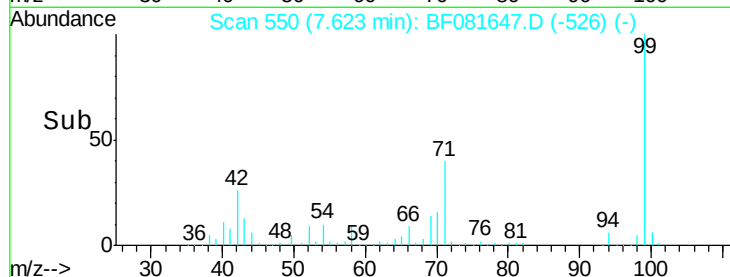
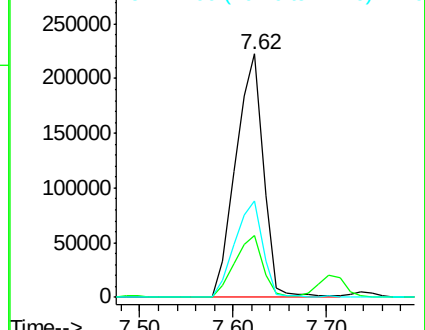
71 39.9 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.82 ng

RT: 7.74 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

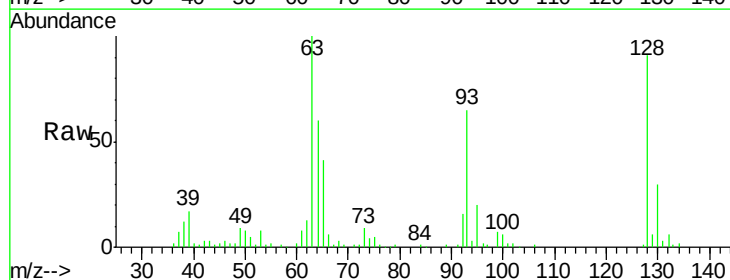
Tgt Ion: 128 Resp: 125649

Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

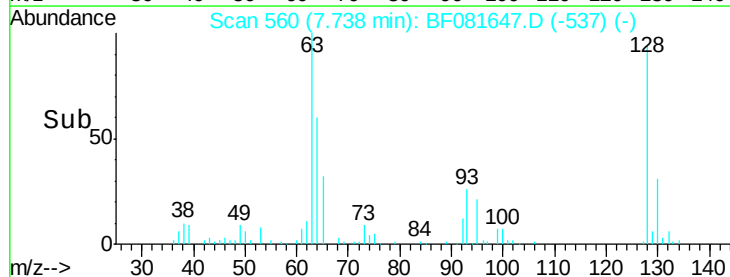
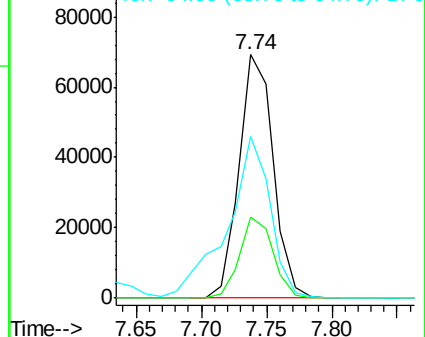
64 66.3 20.5 60.5#

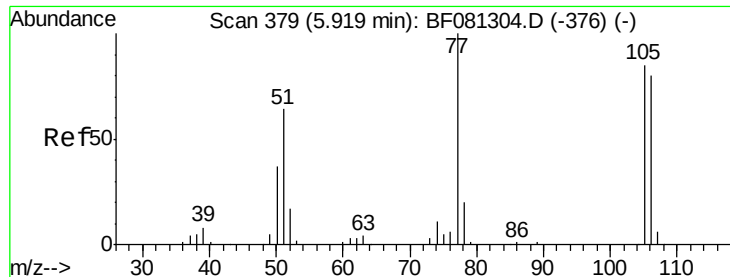


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.81 ng

RT: 7.21 min Scan# 514

Delta R.T. -0.02 min

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Acq: 16 Sep 2015 13:43

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ClientSampleId :

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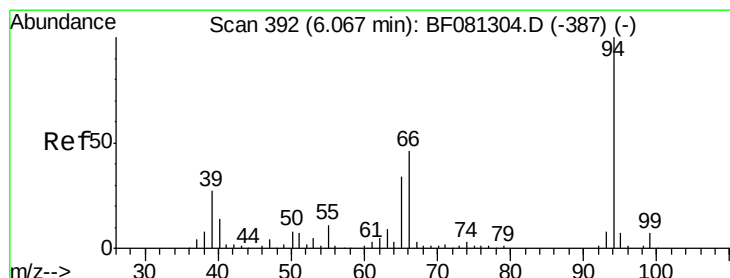
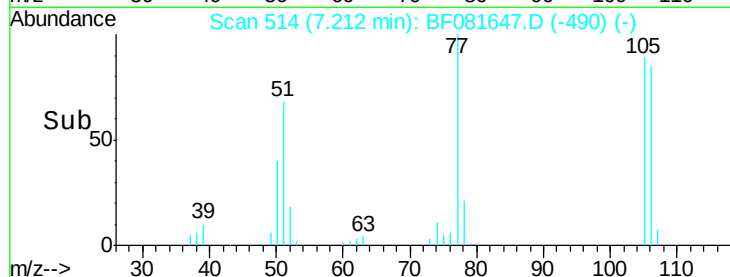
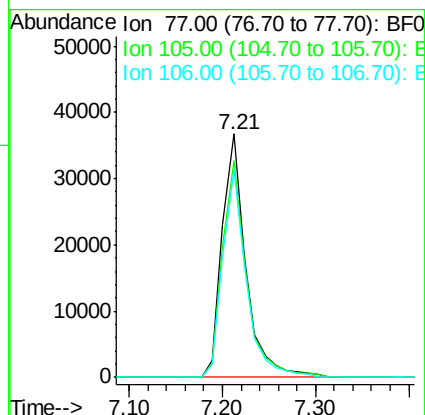
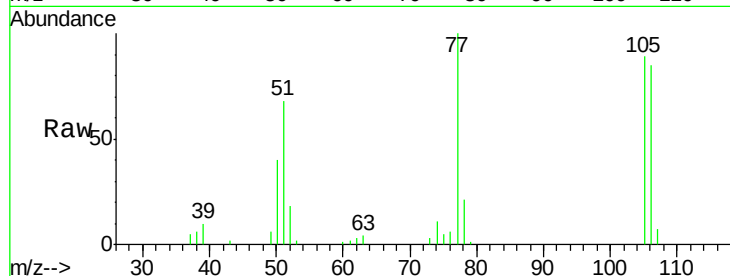
Tgt Ion: 77 Resp: 65320

Ion Ratio Lower Upper

77 100

105 89.1 91.6 131.6#

106 85.4 102.6 142.6#



#10

Phenol

Concen: 36.05 ng

RT: 7.65 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

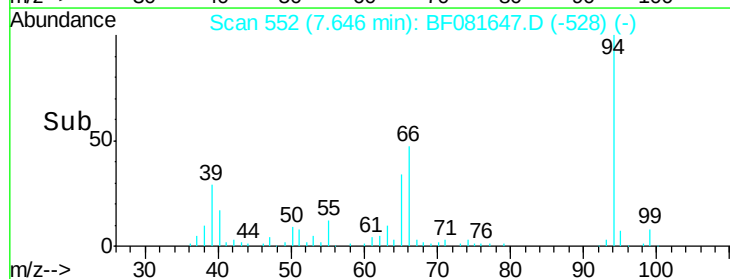
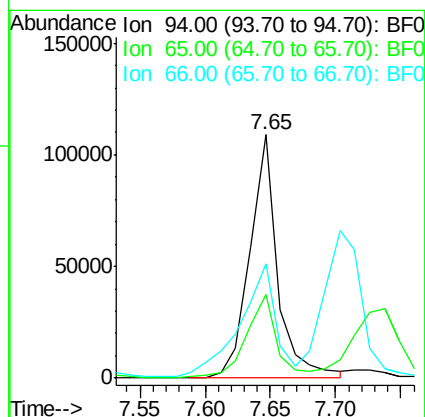
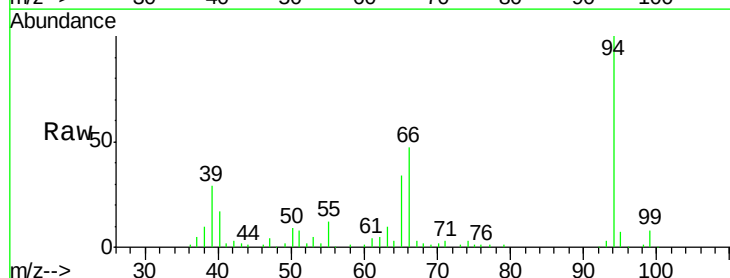
Tgt Ion: 94 Resp: 162534

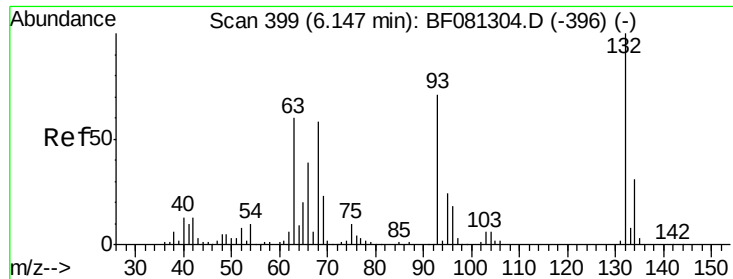
Ion Ratio Lower Upper

94 100

65 34.5 0.7 40.7

66 47.2 0.8 40.8#

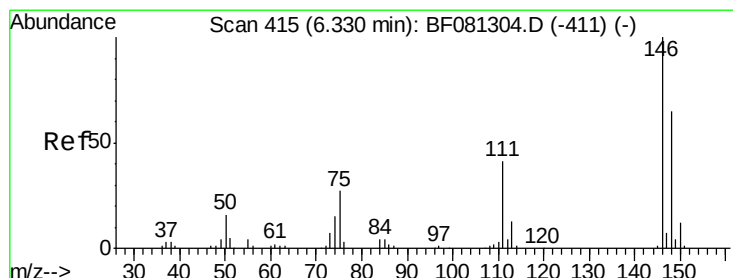
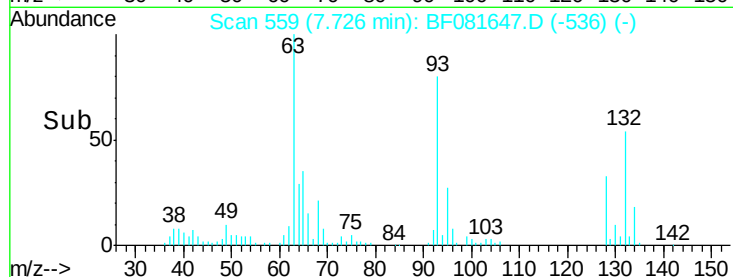
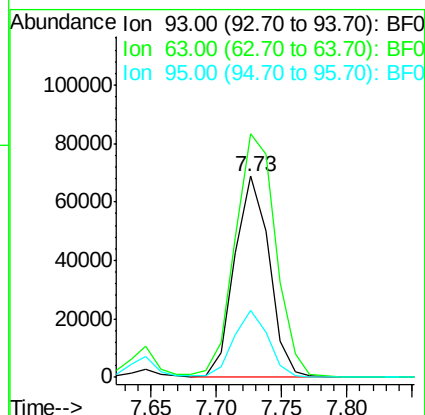
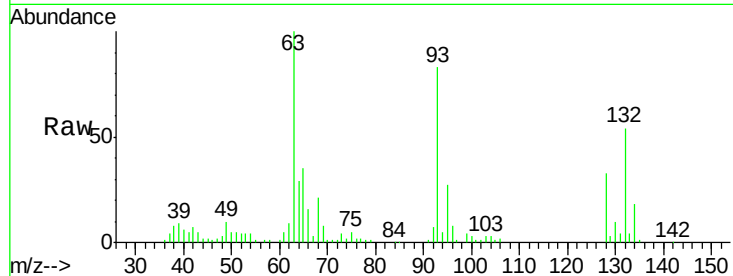




#11
bis(2-Chloroethyl)ether
Concen: 39.03 ng
RT: 7.73 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

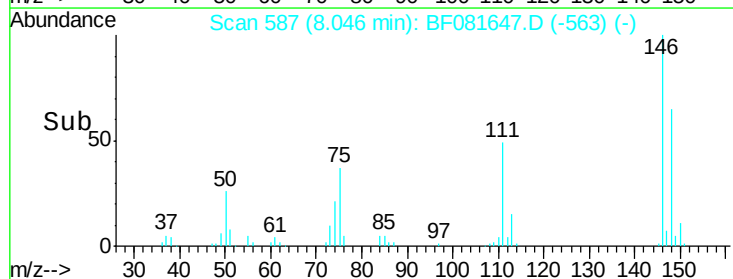
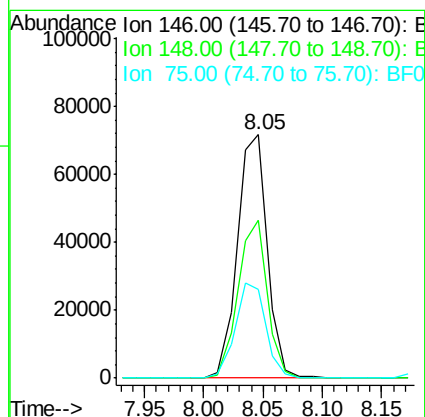
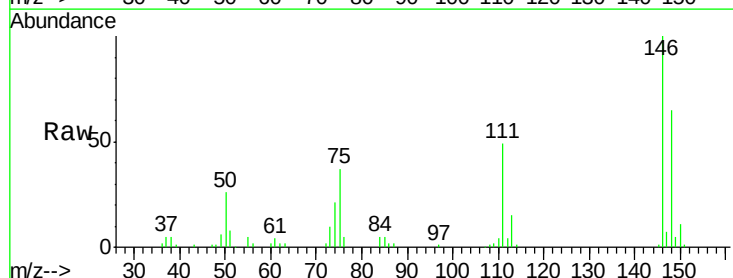
Instrument :
BNA_F
ClientSampleId :
PB85464BS

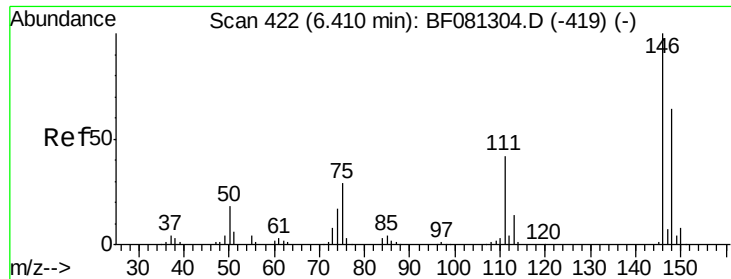
Tgt Ion: 93 Resp: 126965
Ion Ratio Lower Upper
93 100
63 121.0 65.6 105.6#
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.41 ng
RT: 8.05 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion: 146 Resp: 125919
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 36.6 15.0 22.6#

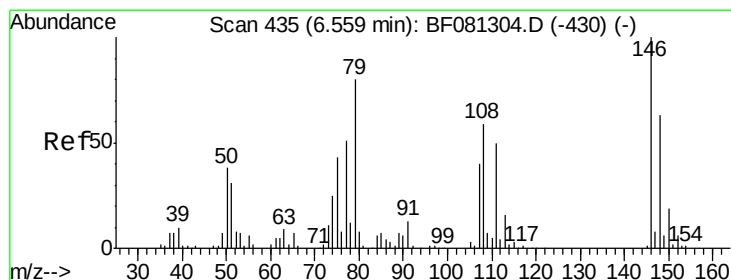
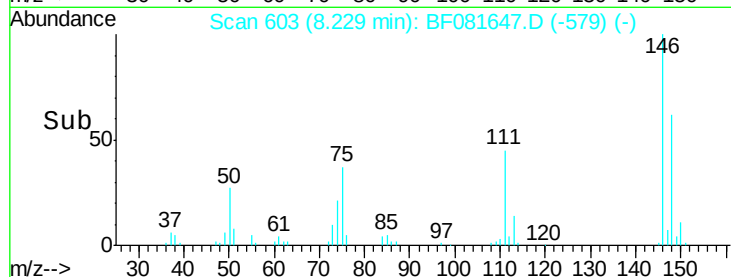
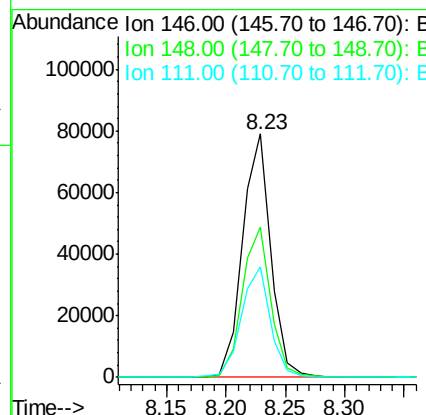
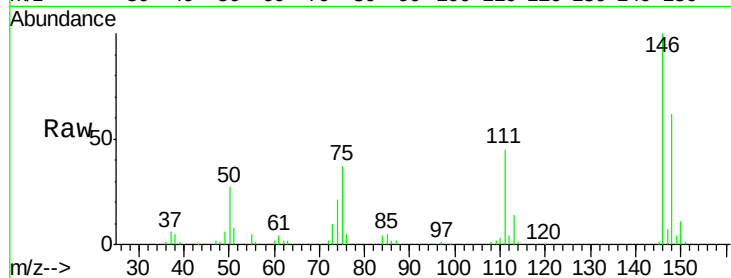




#13
 1,4-Dichlorobenzene
 Concen: 37.03 ng
 RT: 8.23 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

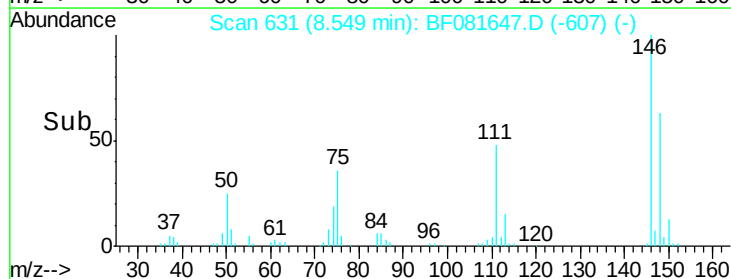
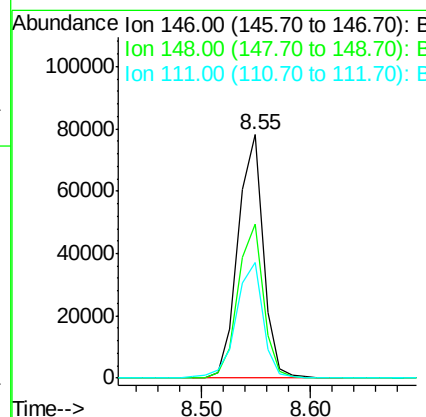
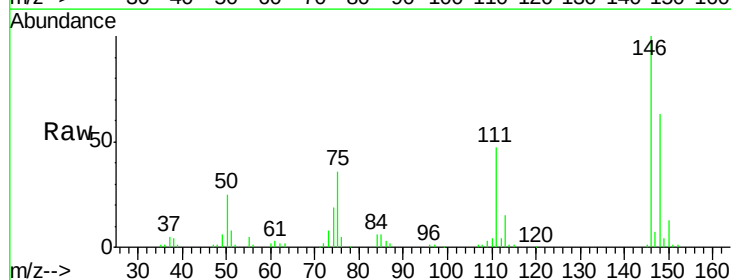
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

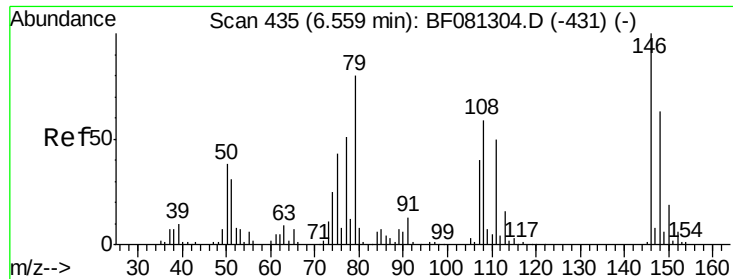
Tgt Ion:146 Resp: 130386
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.8 77.6
 111 45.2 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 39.34 ng
 RT: 8.55 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion:146 Resp: 124741
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.7 79.1
 111 47.3 28.8 43.2#

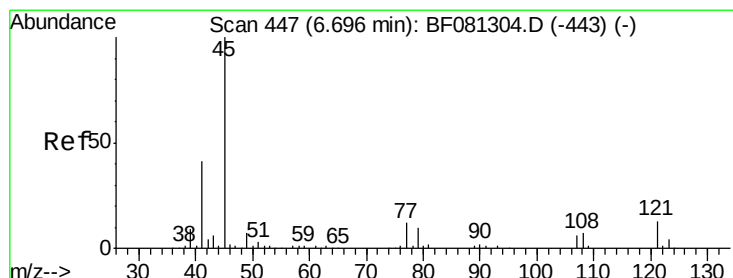
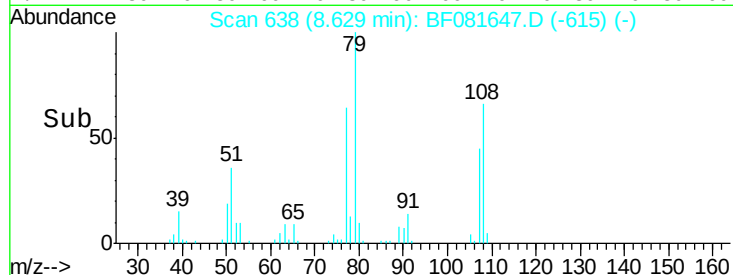
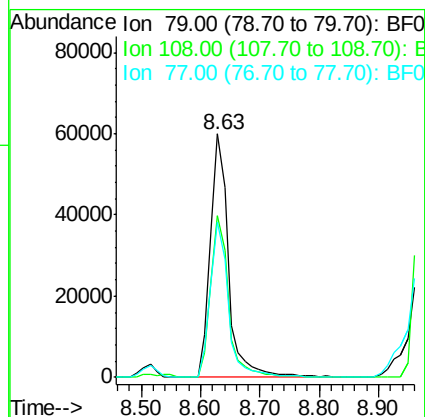
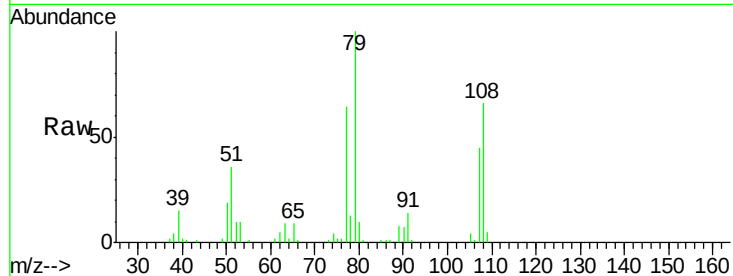




#15
Benzyl Alcohol
Concen: 40.18 ng
RT: 8.63 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

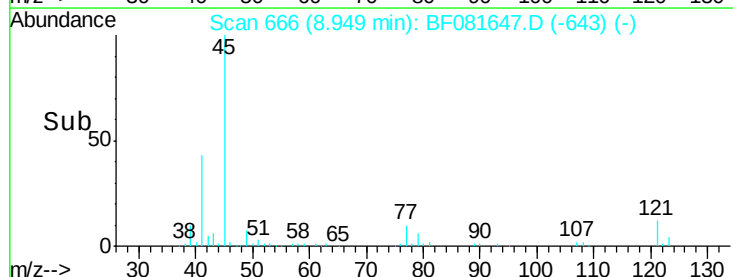
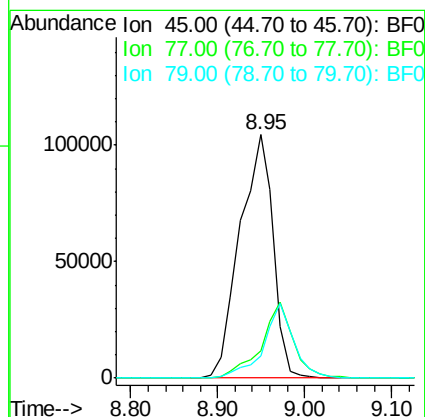
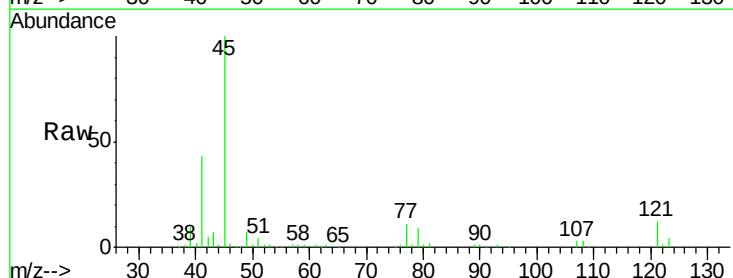
Instrument :
BNA_F
ClientSampleId :
PB85464BS

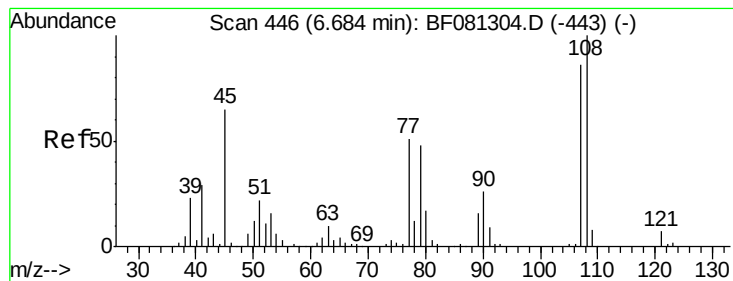
Tgt Ion: 79 Resp: 128153
Ion Ratio Lower Upper
79 100
108 66.5 88.6 132.8#
77 63.8 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.57 ng
RT: 8.95 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion: 45 Resp: 277935
Ion Ratio Lower Upper
45 100
77 11.3 0.0 28.1
79 9.0 0.0 26.0





#17

2-Methylphenol

Concen: 40.79 ng

RT: 8.97 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

Tgt Ion:107 Resp: 105350

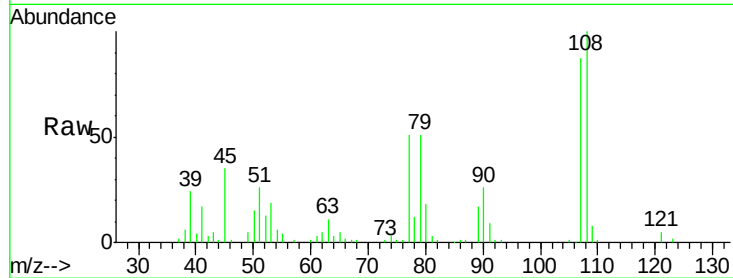
Ion Ratio Lower Upper

107 100

108 114.3 96.6 145.0

77 58.7 23.3 34.9#

79 57.8 22.0 33.0#

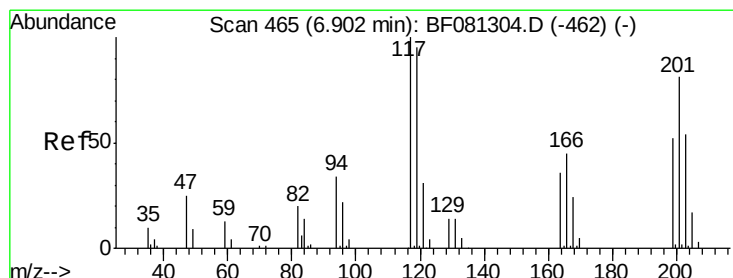
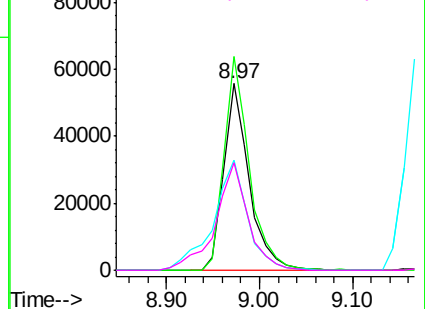
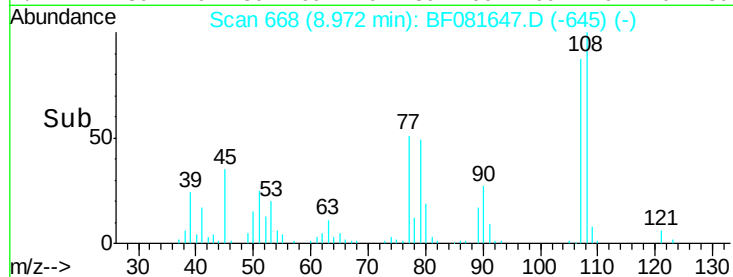


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.13 ng

RT: 9.28 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

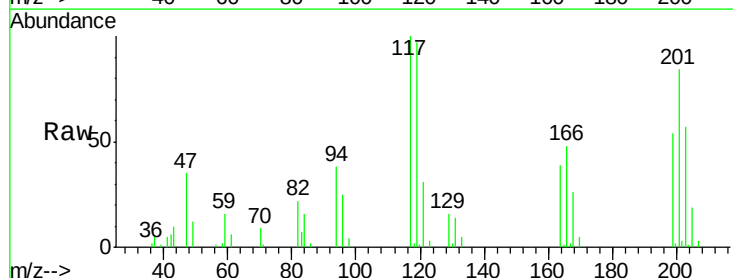
Tgt Ion:117 Resp: 53610

Ion Ratio Lower Upper

117 100

119 96.8 83.8 125.6

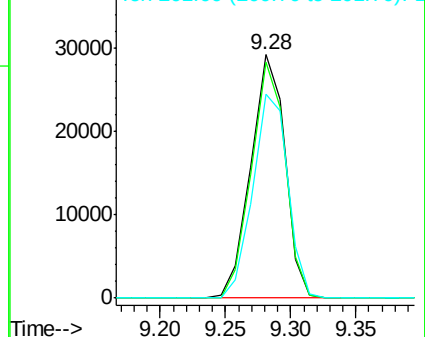
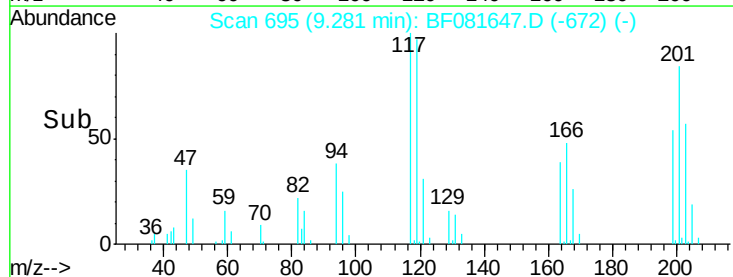
201 84.0 55.1 82.7#

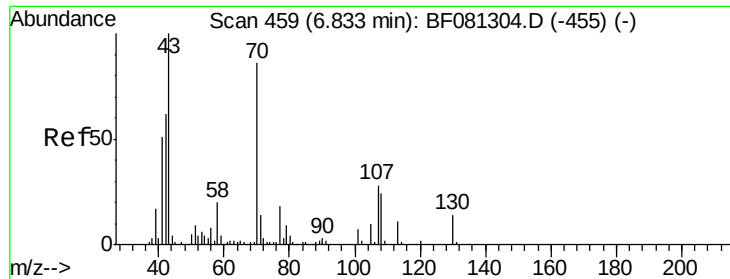


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

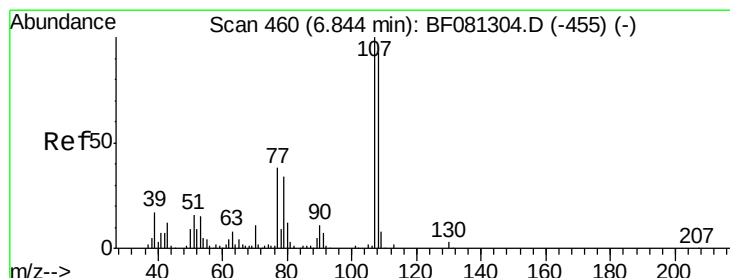
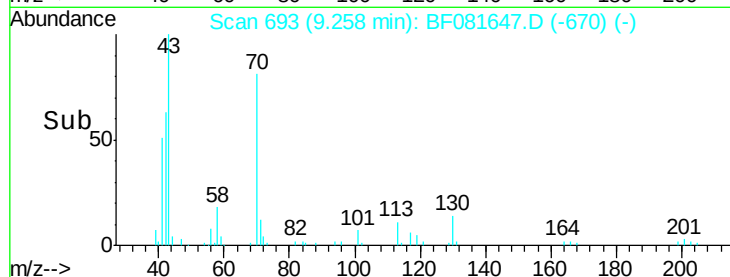
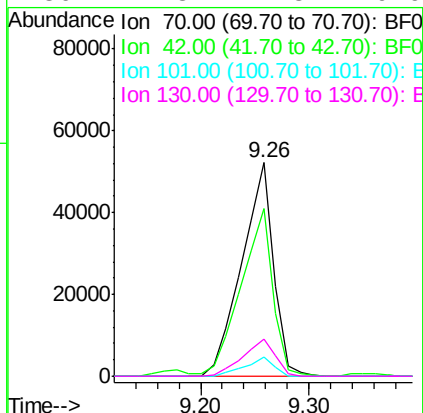
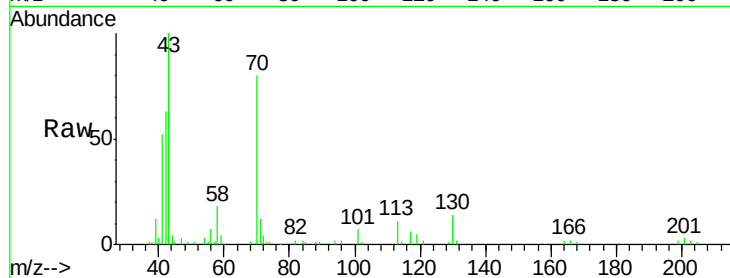




#19
n-Nitroso-di-n-propylamine
Concen: 40.02 ng
RT: 9.26 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

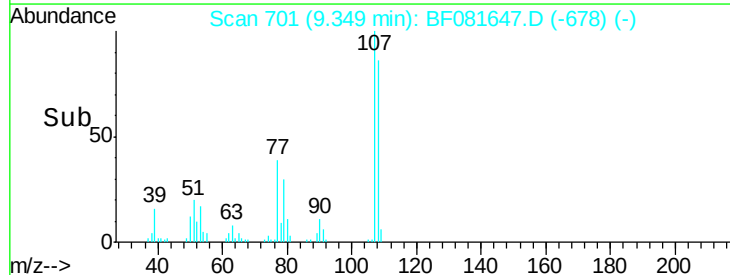
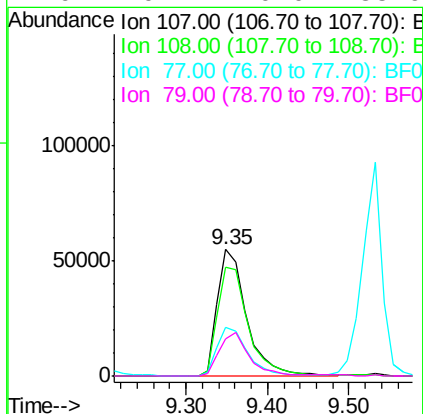
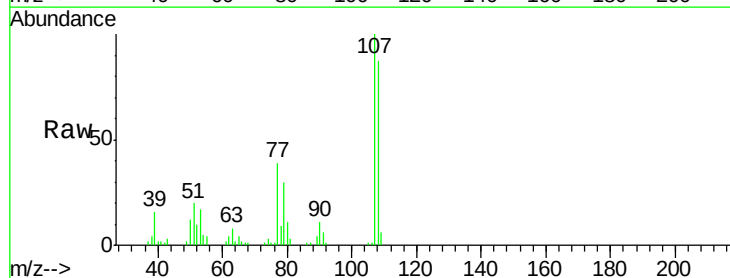
Instrument :
BNA_F
ClientSampleId :
PB85464BS

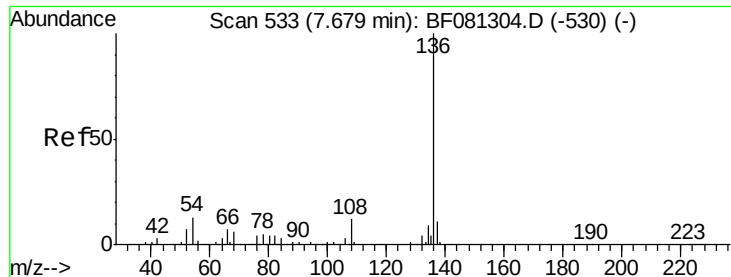
Tgt Ion: 70 Resp: 105899
Ion Ratio Lower Upper
70 100
42 78.5 63.8 95.6
101 9.0 9.2 13.8#
130 17.3 27.3 40.9#



#20
3+4-Methylphenols
Concen: 39.30 ng
RT: 9.35 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion: 107 Resp: 136859
Ion Ratio Lower Upper
107 100
108 86.7 74.6 114.6
77 39.0 0.7 40.7
79 29.7 0.0 38.9

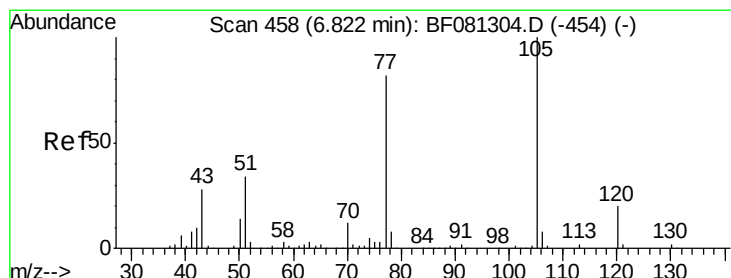
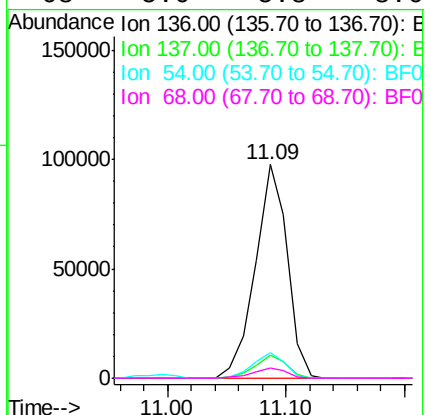
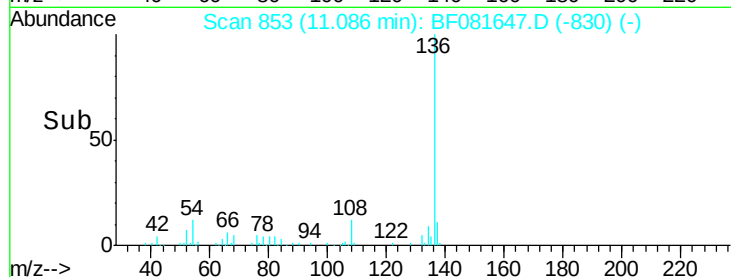
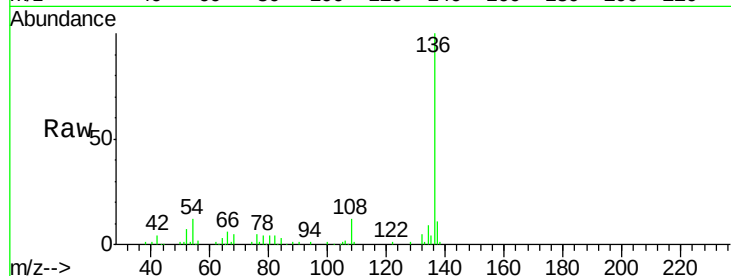




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

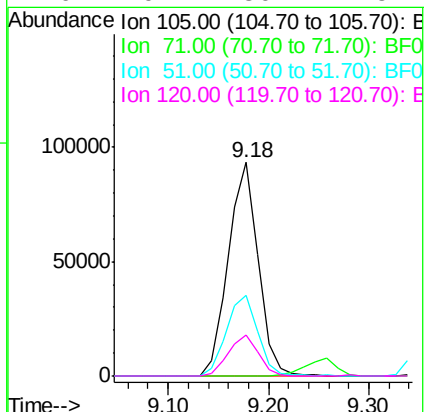
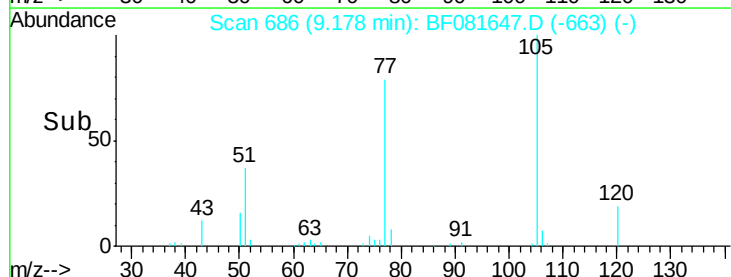
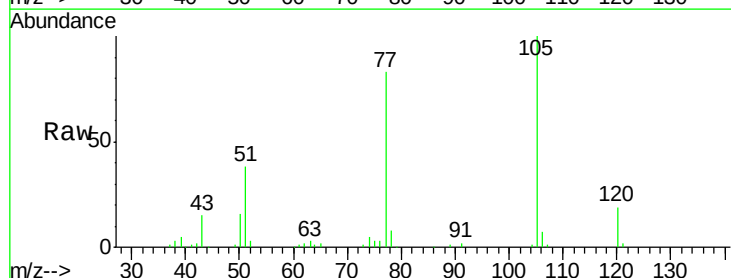
Instrument :
BNA_F
ClientSampleId :
PB85464BS

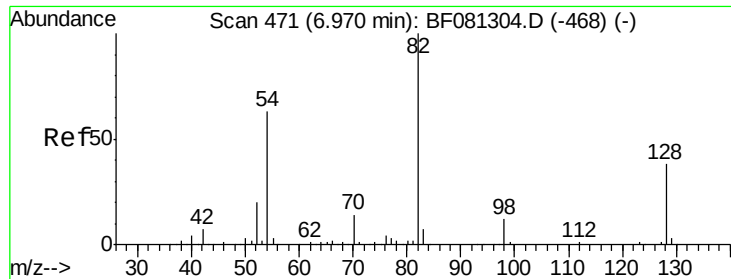
Tgt Ion:	136	Resp:	183656
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	12.3	8.2	12.2#
68	5.0	5.8	8.6#



#22
Acetophenone
Concen: 38.31 ng
RT: 9.18 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion:	105	Resp:	192158
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	38.0	22.0	33.0#
120	19.2	30.1	45.1#





#23

Nitrobenzene-d5

Concen: 80.39 ng

RT: 9.50 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

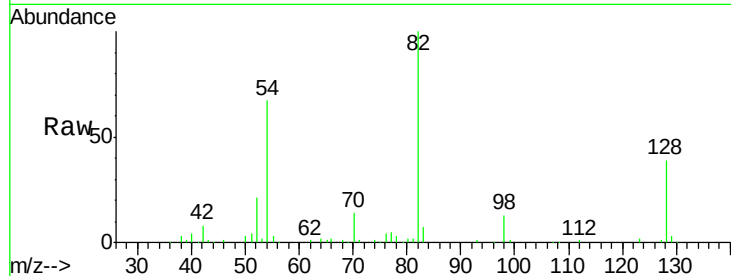
Tgt Ion: 82 Resp: 306001

Ion Ratio Lower Upper

82 100

128 39.1 51.0 76.6#

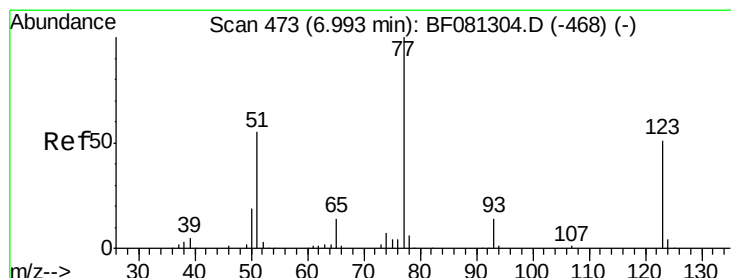
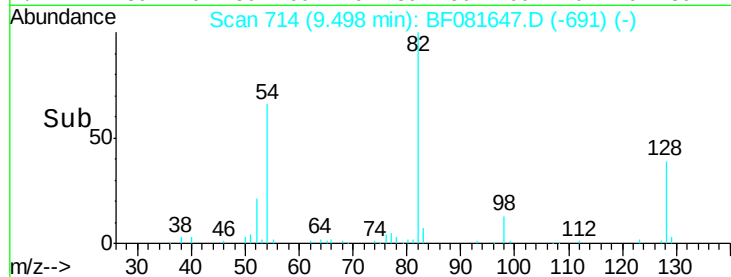
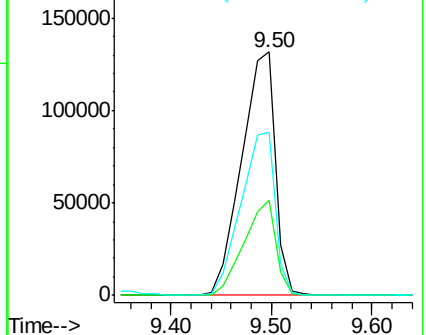
54 67.0 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.77 ng

RT: 9.53 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

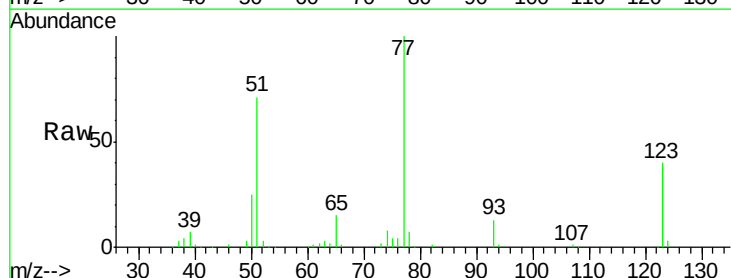
Tgt Ion: 77 Resp: 157203

Ion Ratio Lower Upper

77 100

123 39.9 59.8 89.8#

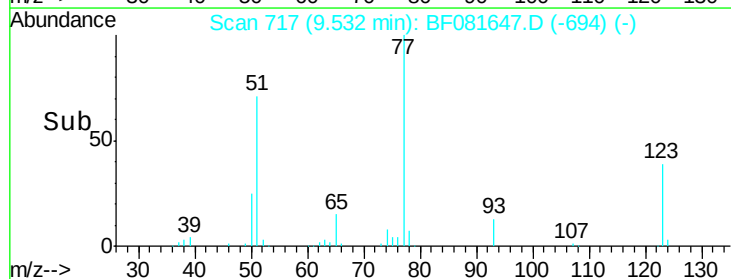
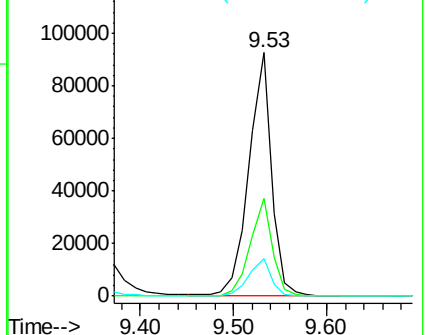
65 15.4 10.2 15.4#

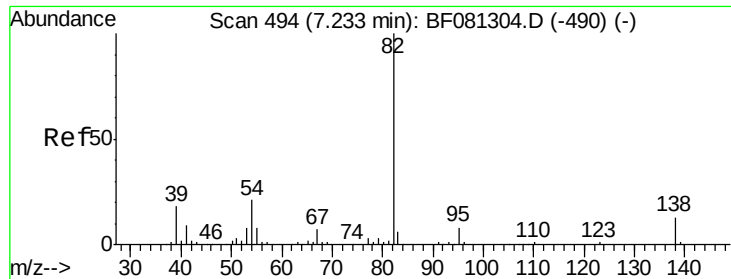


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.21 ng

RT: 10.13 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

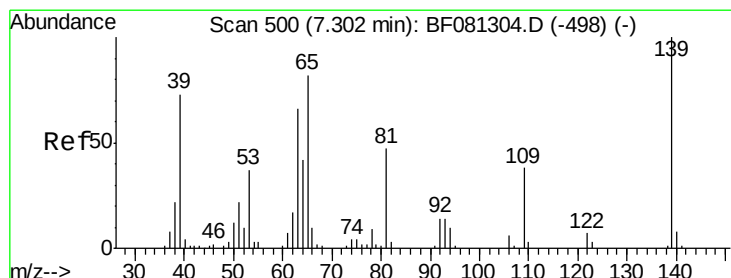
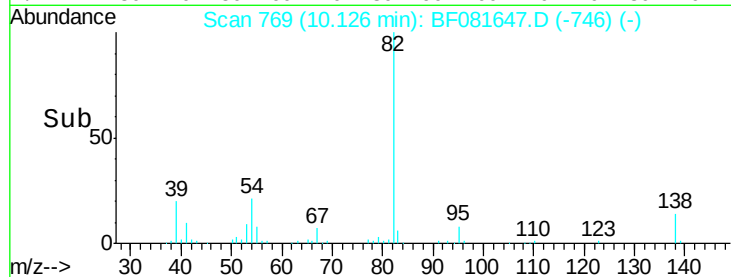
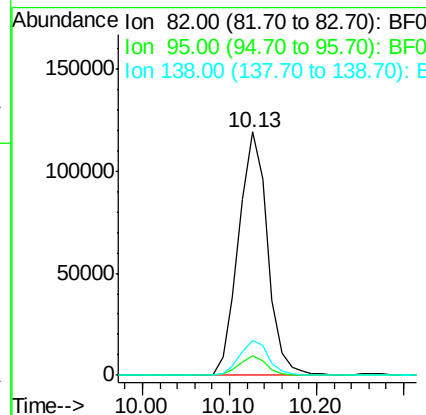
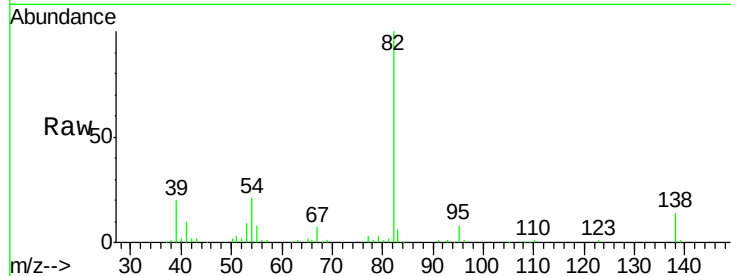
Tgt Ion: 82 Resp: 277613

Ion Ratio Lower Upper

82 100

95 8.1 4.0 6.0#

138 14.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 37.27 ng

RT: 10.26 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

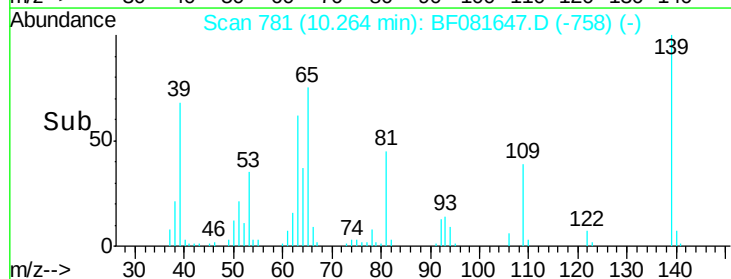
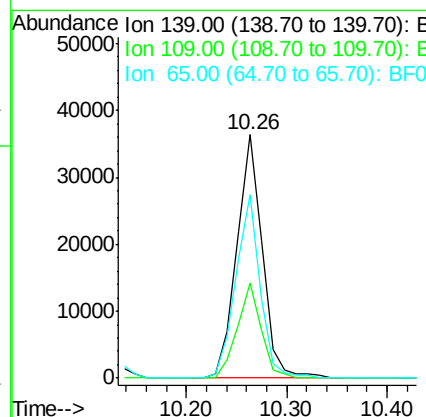
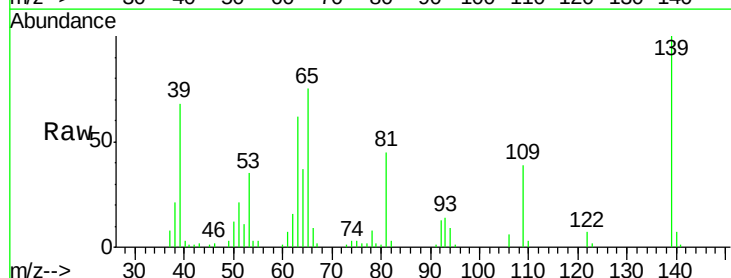
Tgt Ion: 139 Resp: 64211

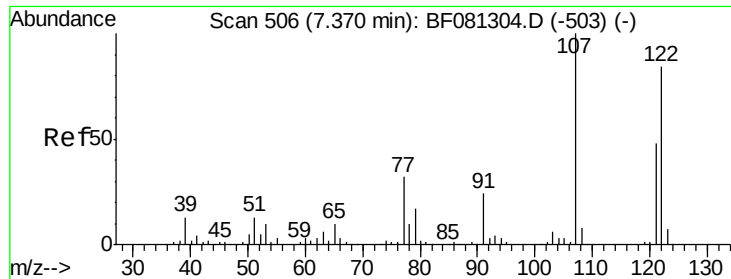
Ion Ratio Lower Upper

139 100

109 39.1 11.0 16.4#

65 75.2 24.7 37.1#

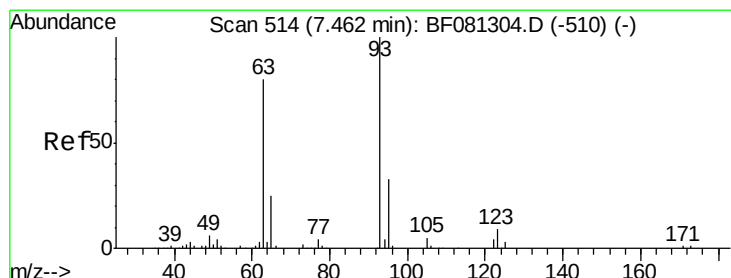
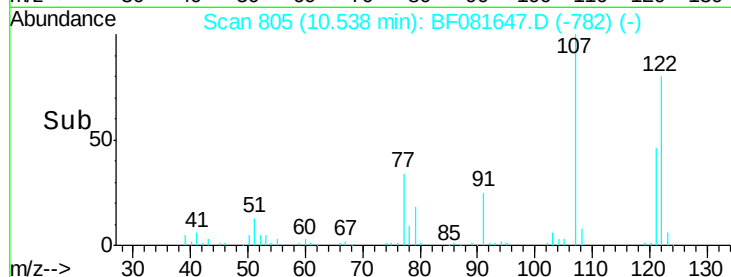
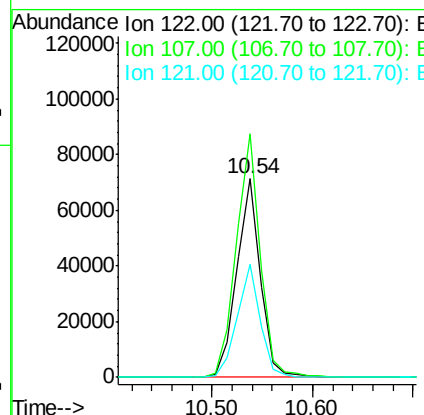
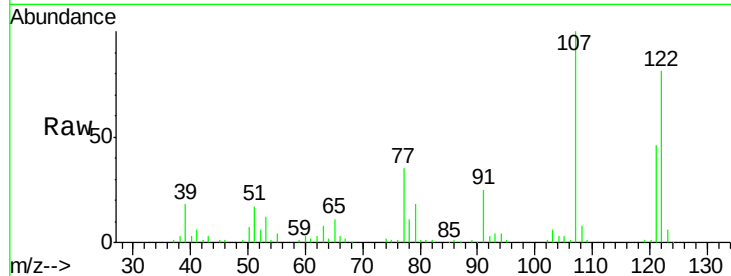




#27
 2,4-Dimethylphenol
 Concen: 38.88 ng
 RT: 10.54 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

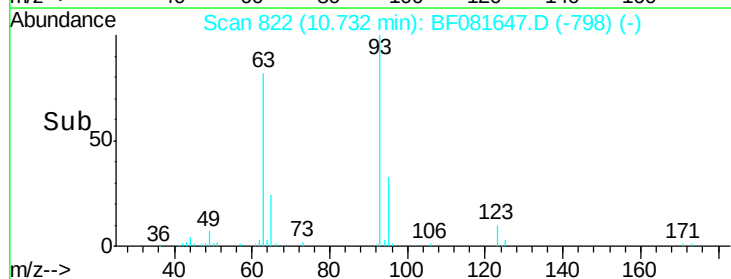
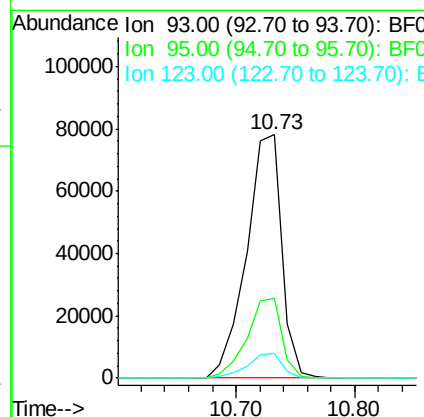
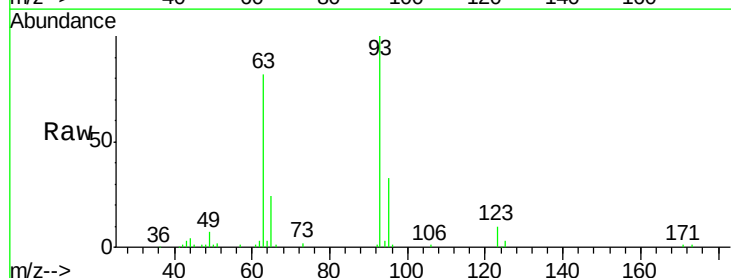
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

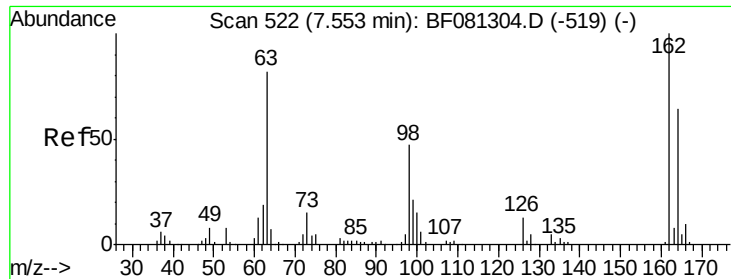
Tgt Ion: 122 Resp: 115708
 Ion Ratio Lower Upper
 122 100
 107 122.7 71.8 107.6#
 121 56.8 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.68 ng
 RT: 10.73 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion: 93 Resp: 162263
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.5 41.3
 123 10.3 13.7 20.5#

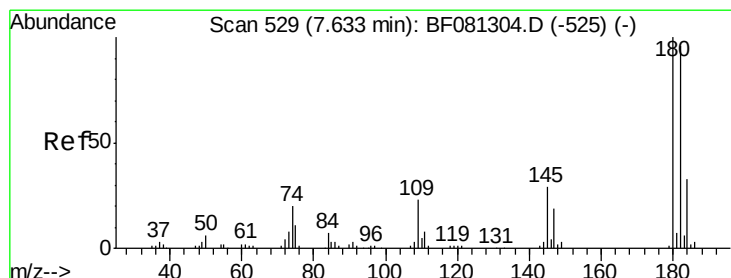
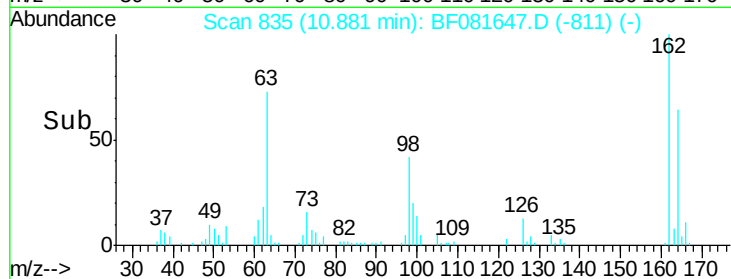
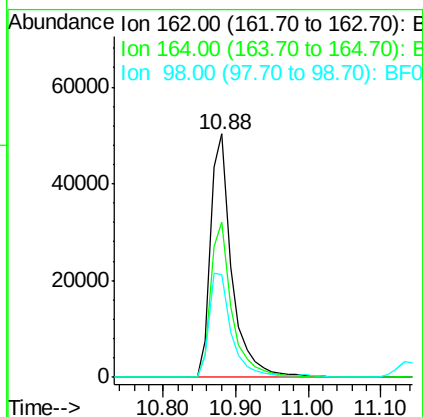
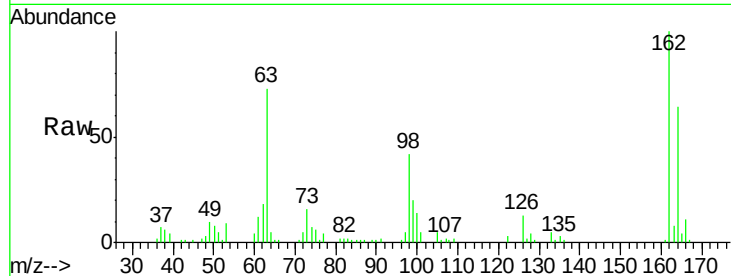




#29
2,4-Dichlorophenol
Concen: 39.90 ng
RT: 10.88 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

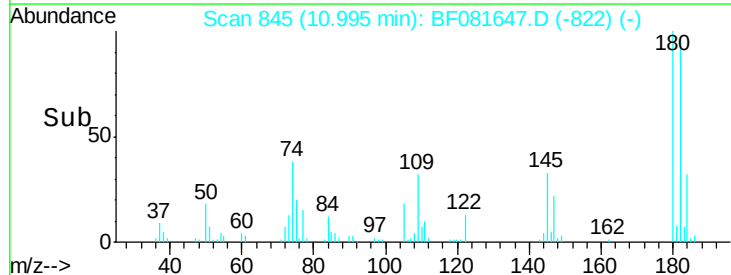
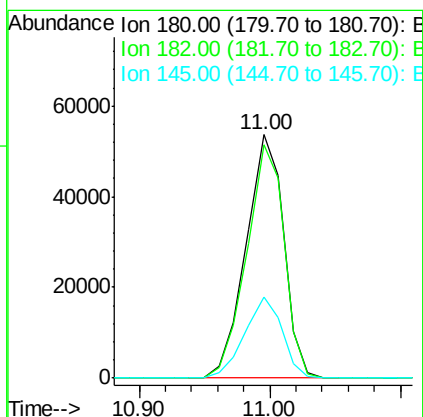
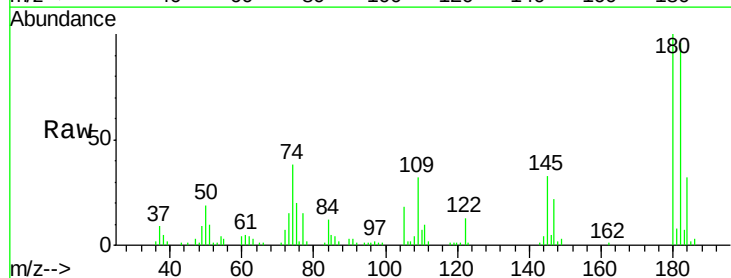
Instrument :
BNA_F
ClientSampleId :
PB85464BS

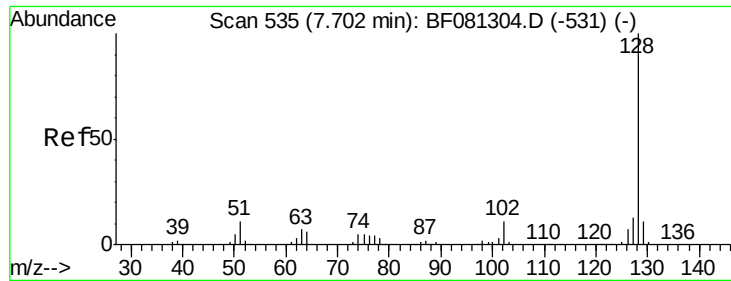
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.9	84.9
98	42.5	13.0	53.0



#30
1,2,4-Trichlorobenzene
Concen: 38.50 ng
RT: 11.00 min Scan# 845
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.1	115.7
145	33.4	23.3	34.9

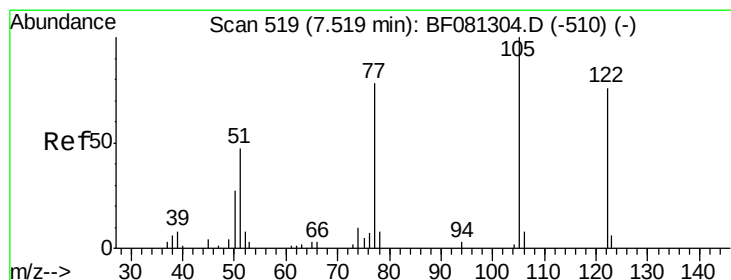
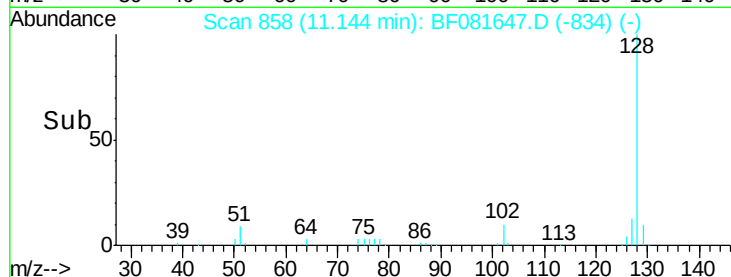
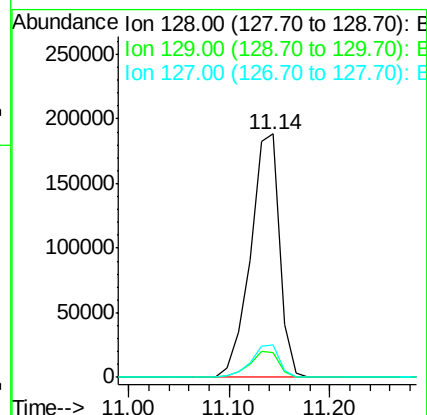
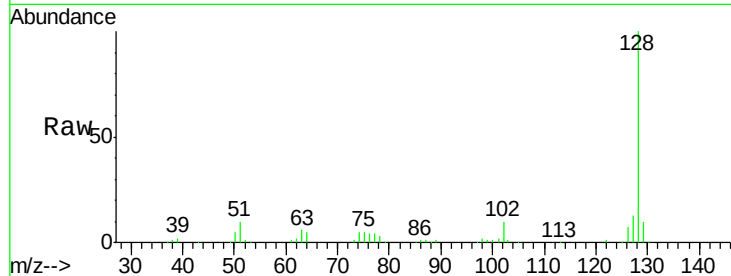




#31
Naphthalene
Concen: 38.54 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

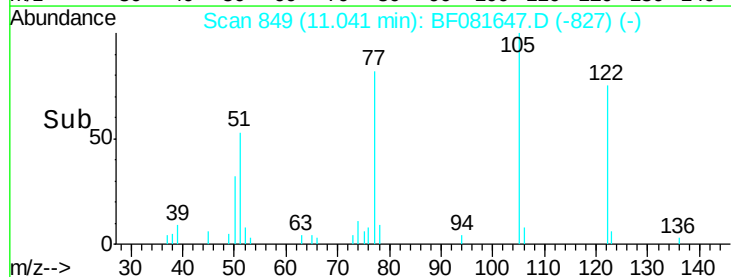
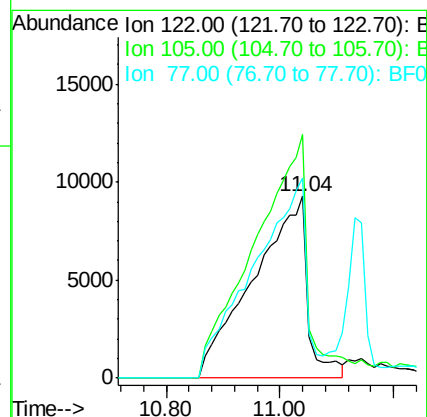
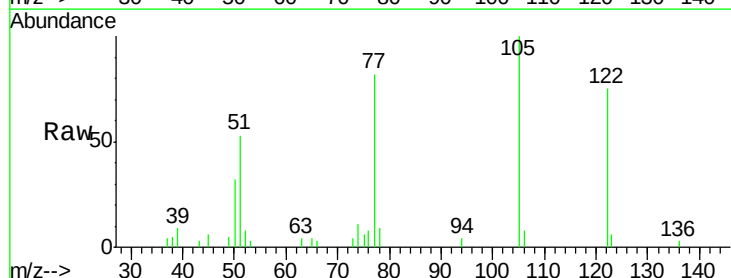
Instrument :
BNA_F
ClientSampleId :
PB85464BS

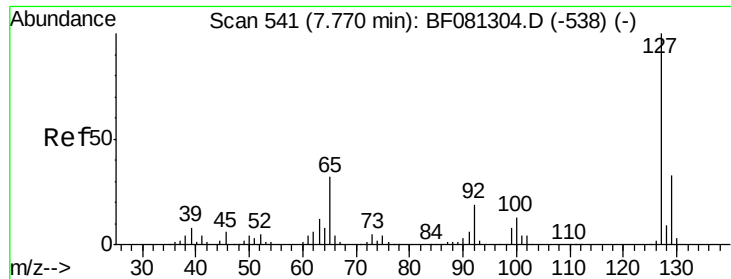
Tgt Ion:128 Resp: 377443
Ion Ratio Lower Upper
128 100
129 10.0 8.4 12.6
127 13.1 9.9 14.9



#32
Benzoic acid
Concen: 30.03 ng
RT: 11.04 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion:122 Resp: 61668
Ion Ratio Lower Upper
122 100
105 133.9 76.1 116.1#
77 110.3 40.5 80.5#

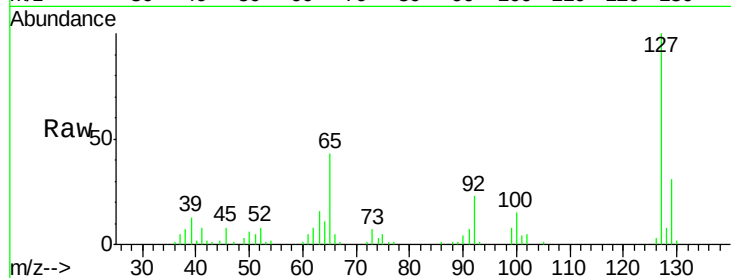




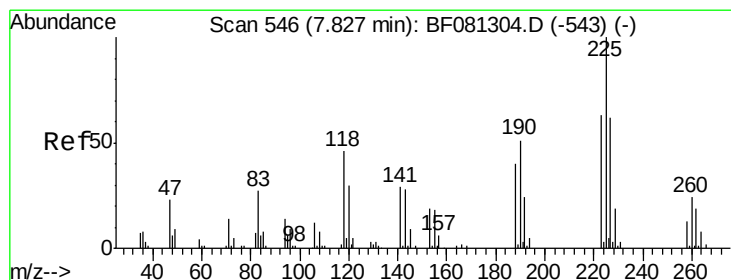
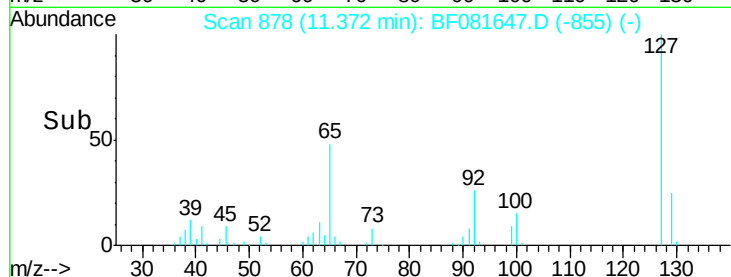
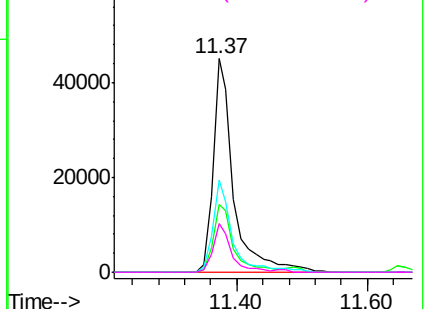
#33
4-Chloroaniline
Concen: 24.82 ng
RT: 11.37 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Instrument :
BNA_F
ClientSampleId :
PB85464BS

Tgt Ion:	127	Resp:	99147
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	43.0	17.9	26.9#
92	22.9	10.5	15.7#

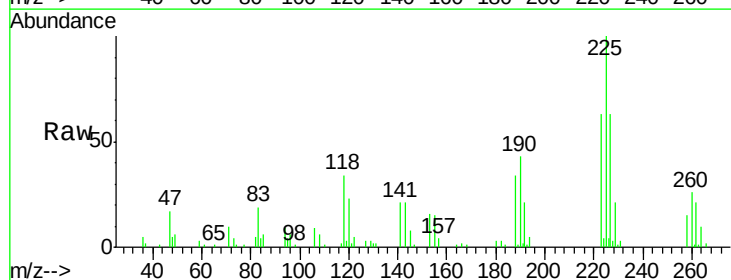


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

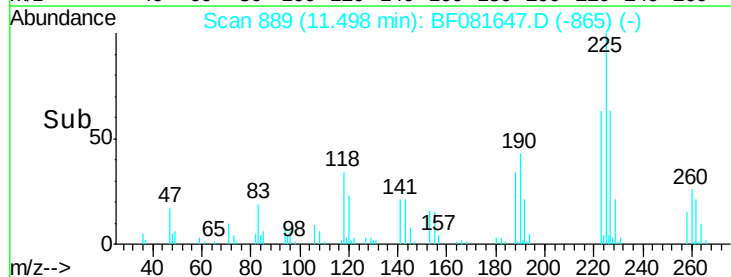
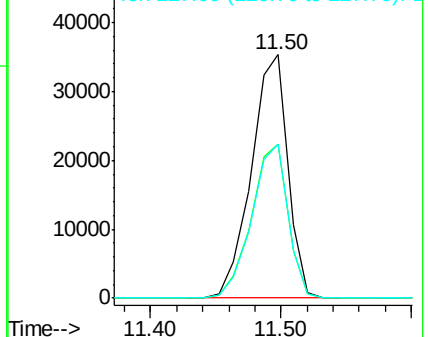


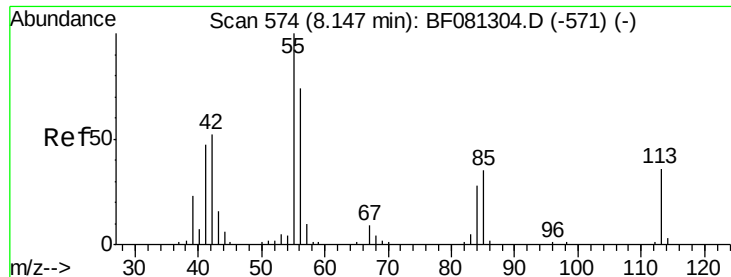
#34
Hexachlorobutadiene
Concen: 40.43 ng
RT: 11.50 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion:	225	Resp:	68970
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	63.3	52.2	78.2



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

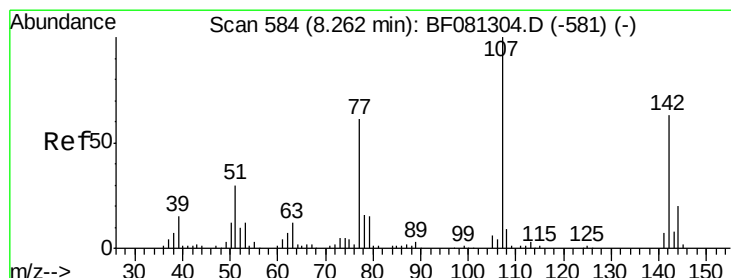
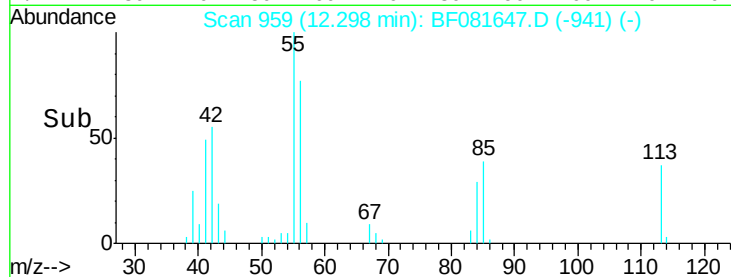
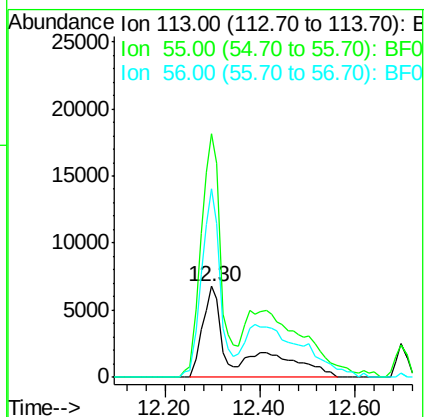
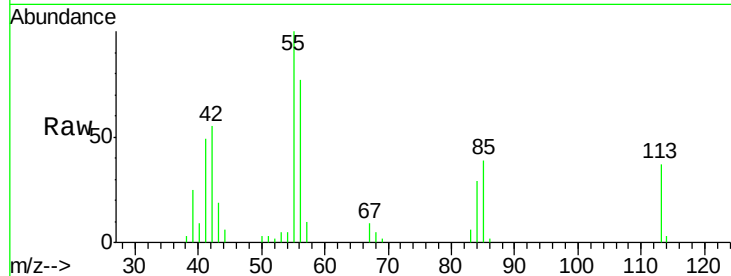




#35
 Caprolactam
 Concen: 41.46 ng m
 RT: 12.30 min Scan# 959
 Delta R.T. -0.09 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

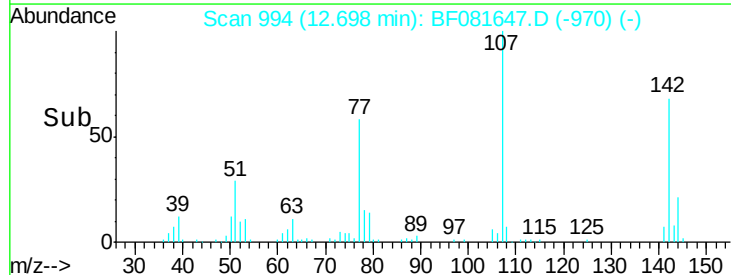
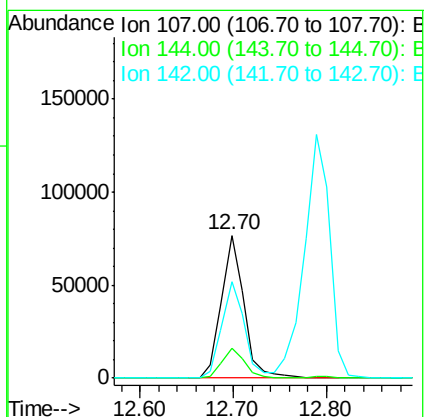
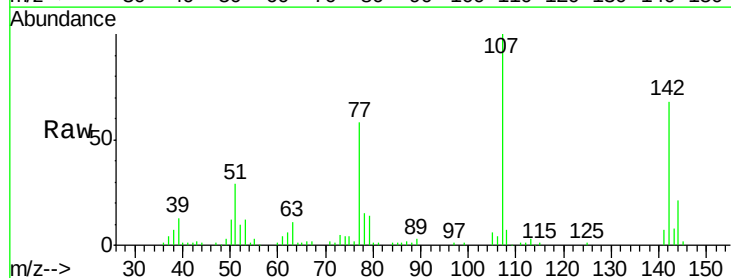
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

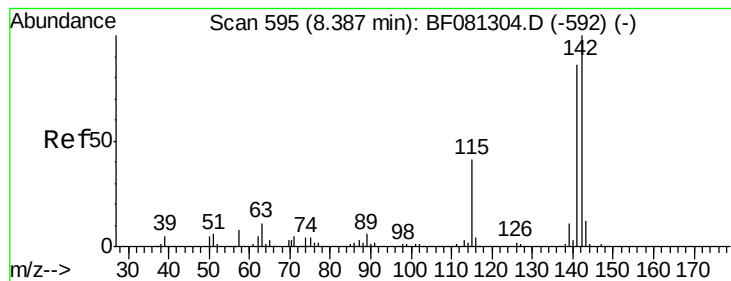
Tgt Ion:113 Resp: 32813
 Ion Ratio Lower Upper
 113 100
 55 266.9 152.4 192.4#
 56 206.6 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 44.73 ng
 RT: 12.70 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion:107 Resp: 129186
 Ion Ratio Lower Upper
 107 100
 144 21.0 25.4 38.0#
 142 67.8 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 39.73 ng

RT: 12.79 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

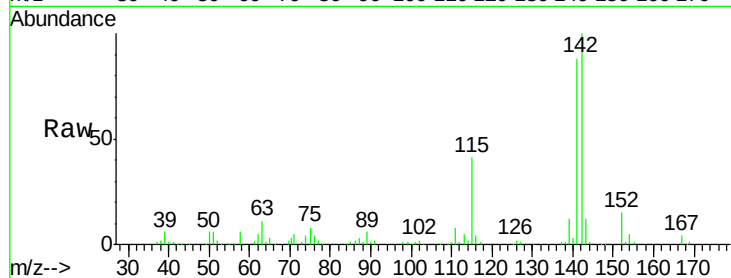
Tgt Ion:142 Resp: 253214

Ion Ratio Lower Upper

142 100

141 88.5 67.5 101.3

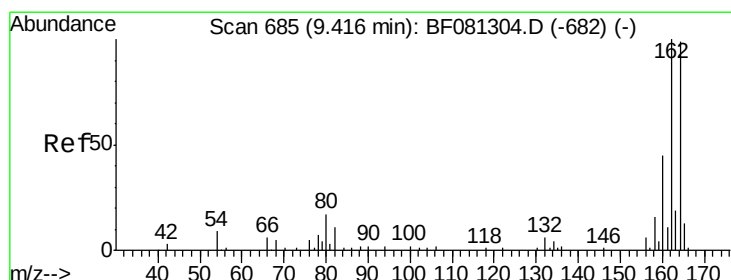
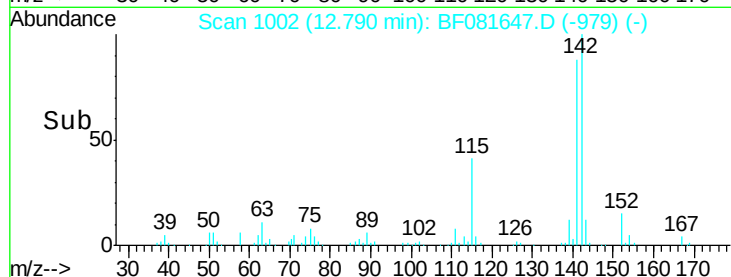
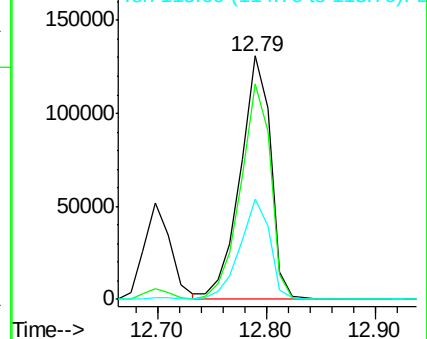
115 41.4 18.2 27.2#



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: 15.22 min Scan# 1215

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

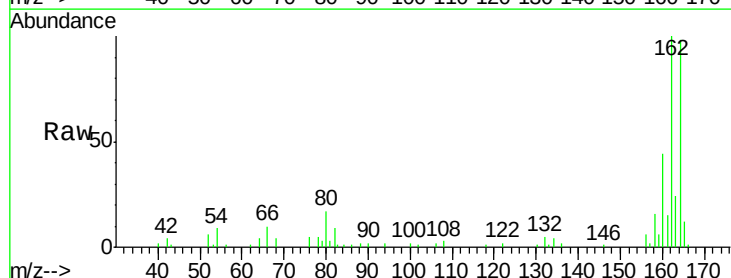
Tgt Ion:164 Resp: 89483

Ion Ratio Lower Upper

164 100

162 101.6 75.2 112.8

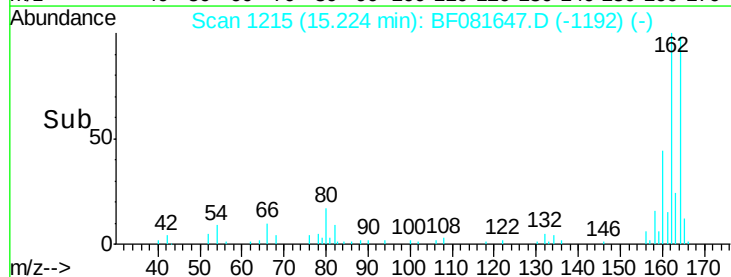
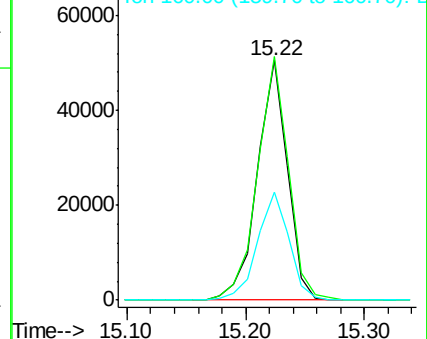
160 45.2 31.5 47.3

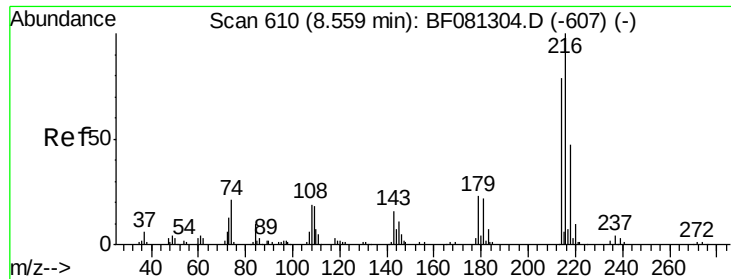


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.37 ng

RT: 13.20 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

Tgt Ion:216 Resp: 108591

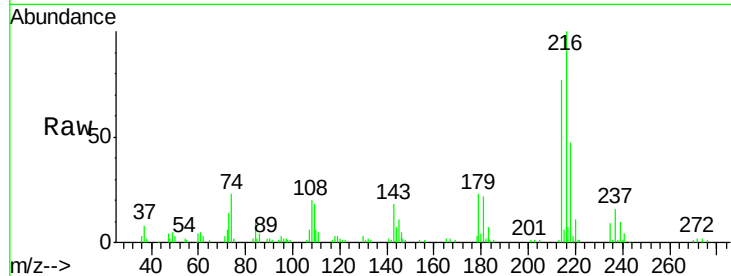
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 22.7 16.6 24.8

108 23.7 16.3 24.5

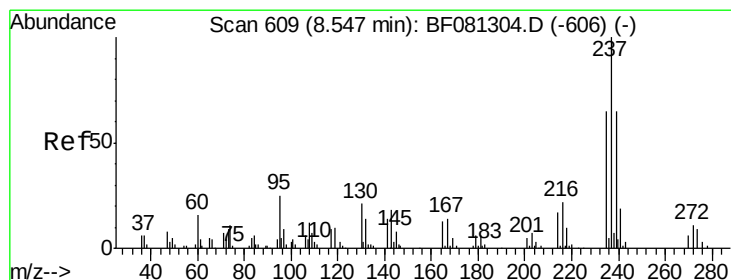
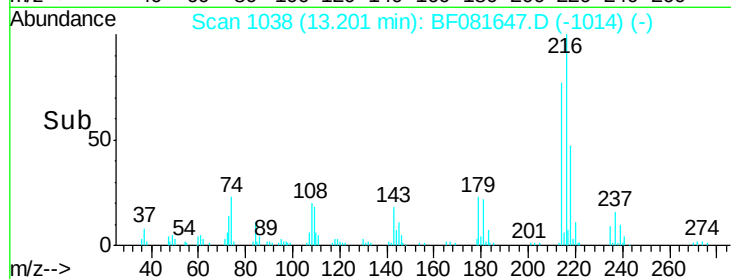
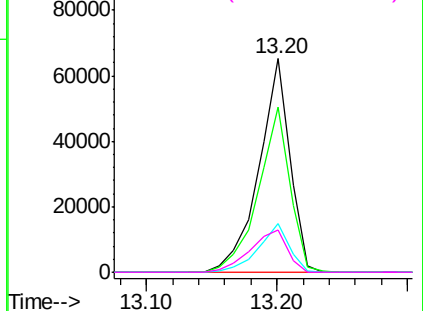


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.41 ng

RT: 13.18 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

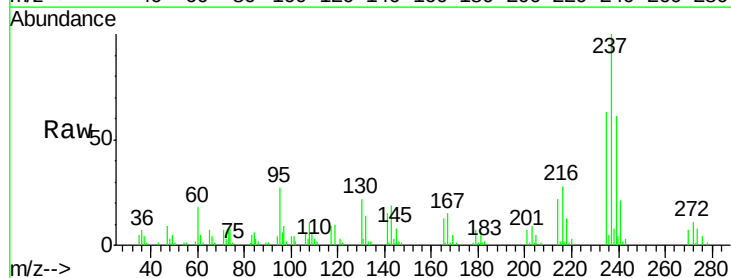
Tgt Ion:237 Resp: 113062

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

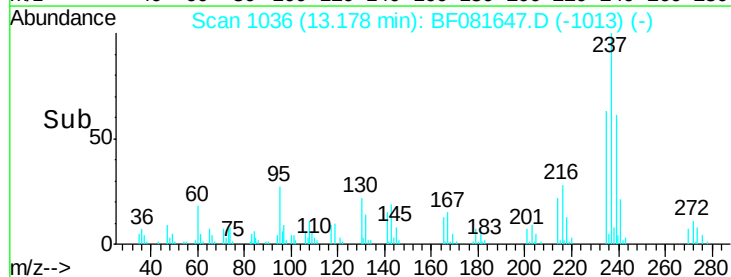
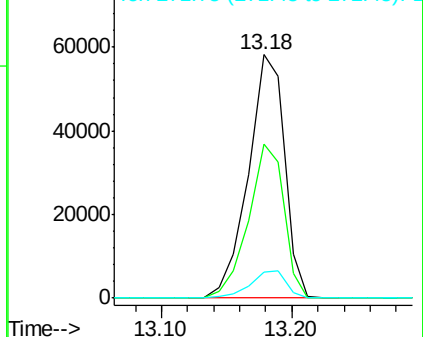
272 10.8 0.0 36.1

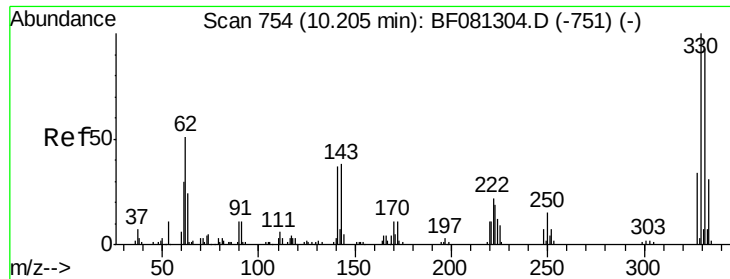


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

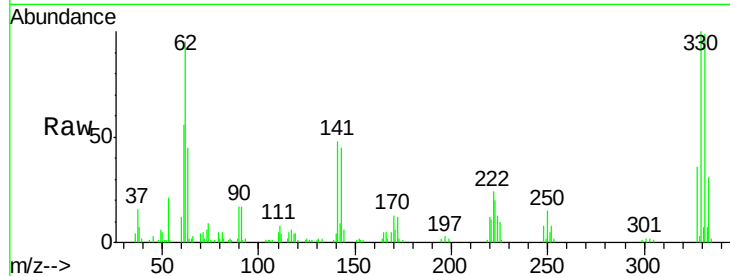




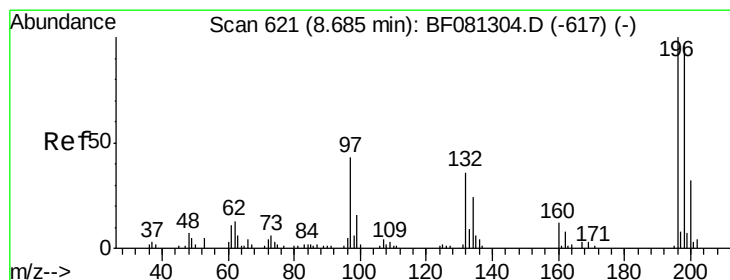
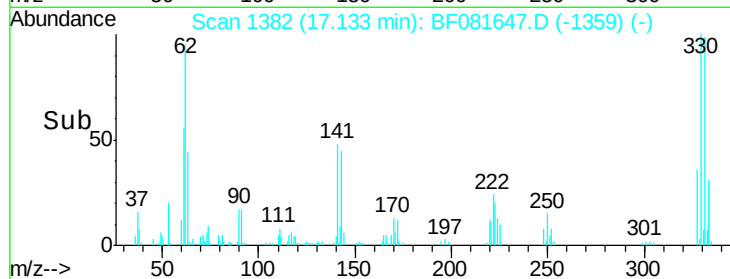
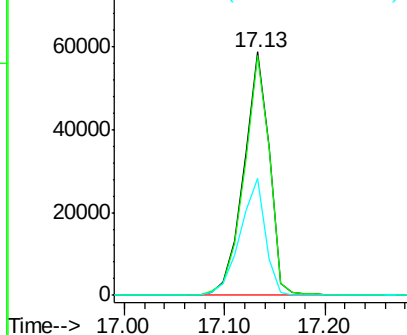
#41
 2,4,6-Tribromophenol
 Concen: 129.75 ng
 RT: 17.13 min Scan# 1382
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

Tgt Ion:330 Resp: 103376
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 47.5 29.7 44.5#

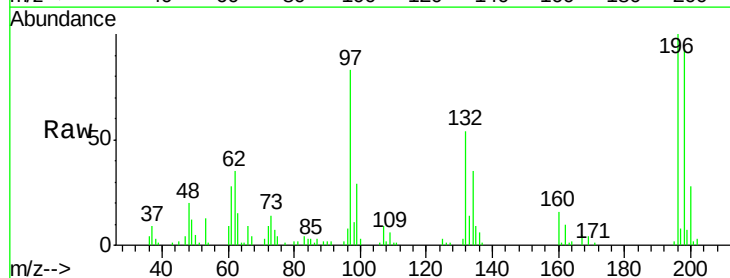


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

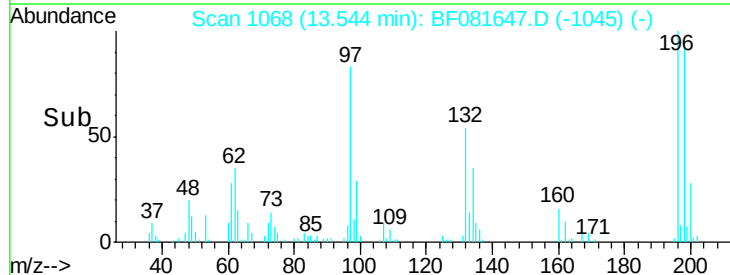
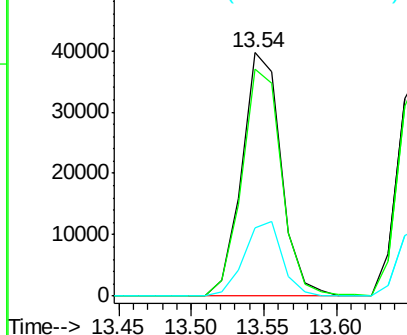


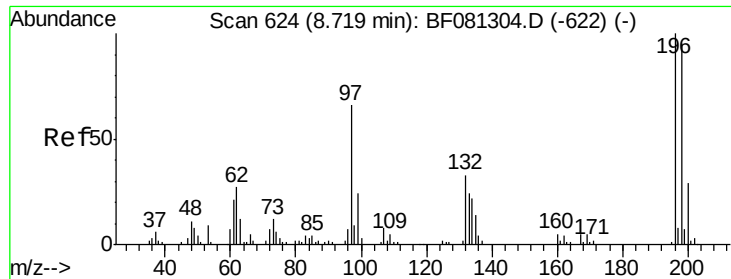
#42
 2,4,6-Trichlorophenol
 Concen: 37.95 ng
 RT: 13.54 min Scan# 1068
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion:196 Resp: 74120
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 28.1 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

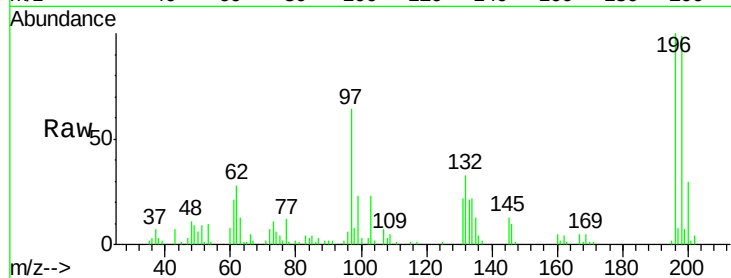




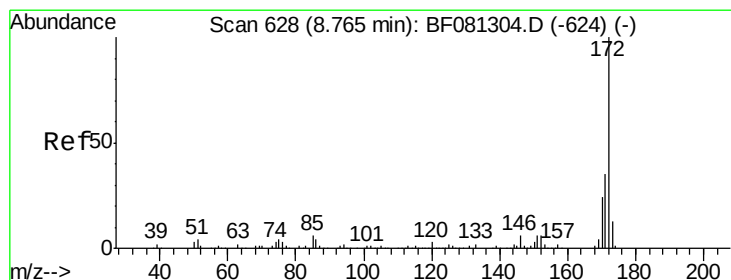
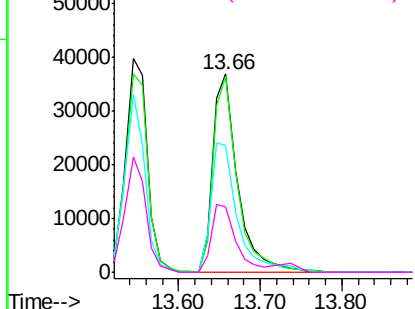
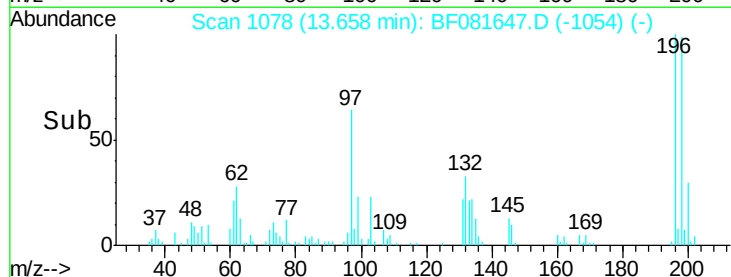
#43
 2,4,5-Trichlorophenol
 Concen: 39.14 ng
 RT: 13.66 min Scan# 1078
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

Tgt Ion:196 Resp: 77990
 Ion Ratio Lower Upper
 196 100
 198 99.3 75.4 113.0
 97 63.9 33.3 49.9#
 132 32.7 24.6 37.0

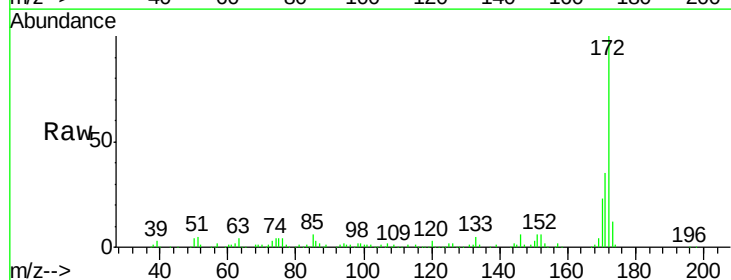


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

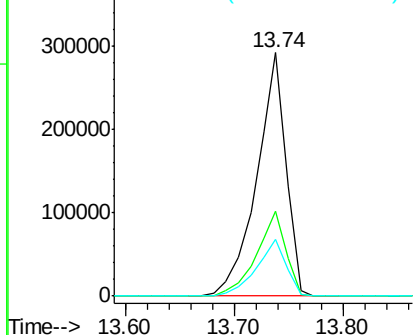
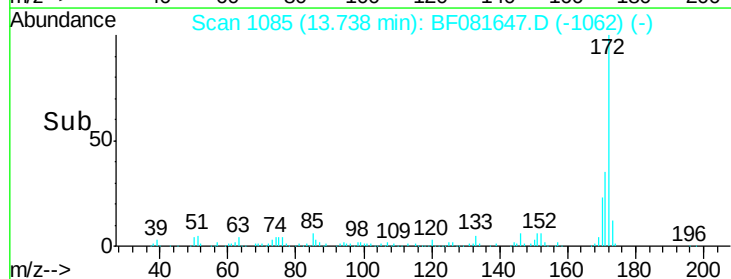


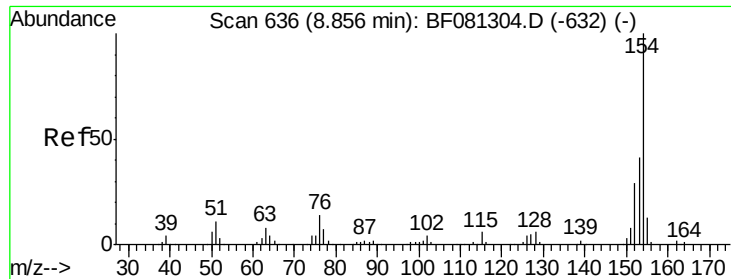
#44
 2-Fluorobiphenyl
 Concen: 78.24 ng
 RT: 13.74 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion:172 Resp: 546356
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.1 39.1
 170 23.5 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 37.69 ng

RT: 13.94 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

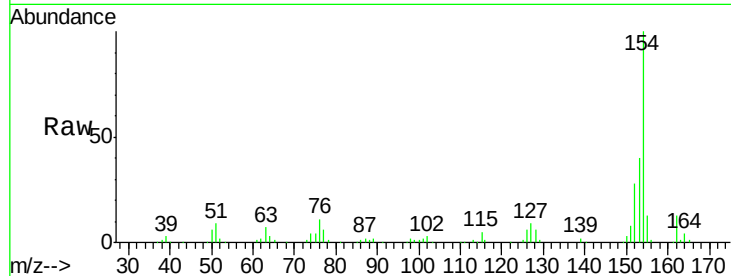
Tgt Ion:154 Resp: 310305

Ion Ratio Lower Upper

154 100

153 40.4 17.1 57.1

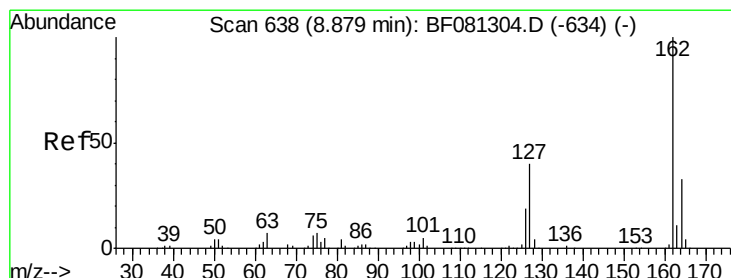
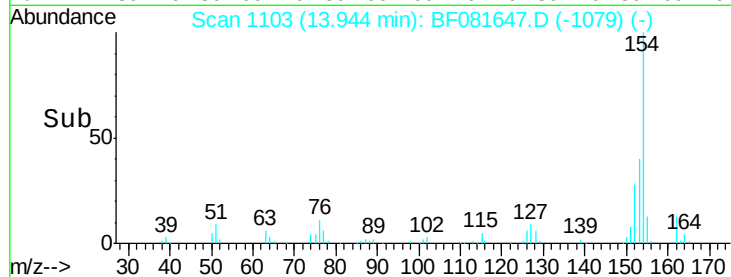
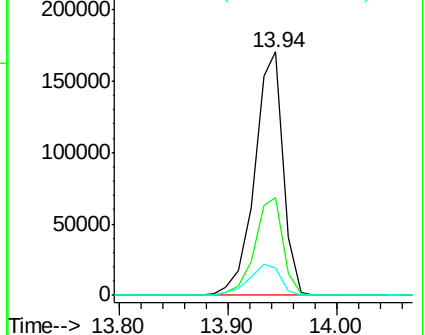
76 11.0 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.87 ng

RT: 13.92 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

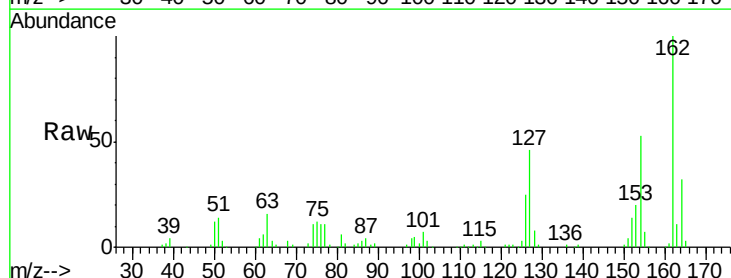
Tgt Ion:162 Resp: 231094

Ion Ratio Lower Upper

162 100

127 46.2 27.6 41.4#

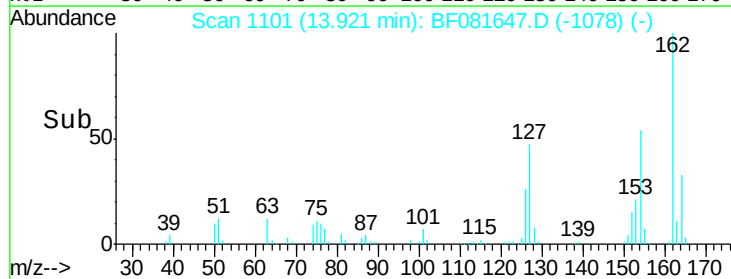
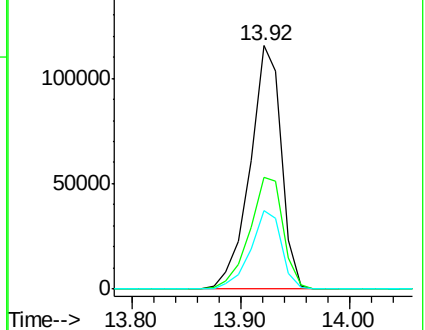
164 32.2 25.4 38.2

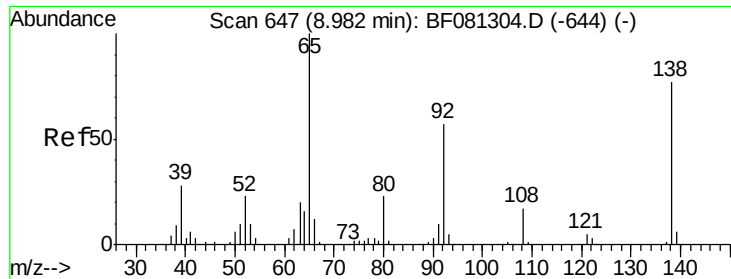


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.61 ng

RT: 14.28 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

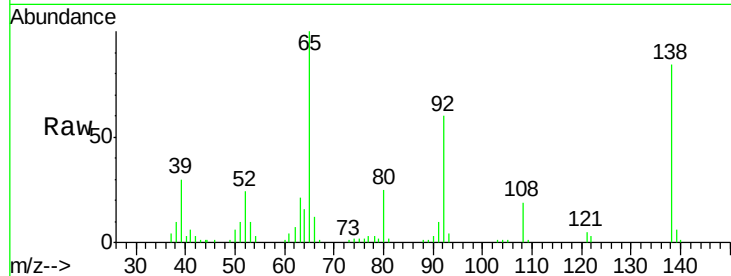
Tgt Ion: 65 Resp: 100819

Ion Ratio Lower Upper

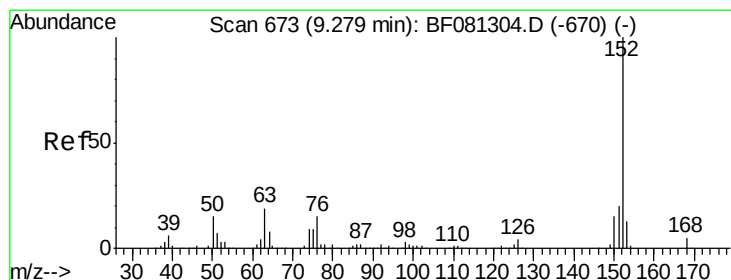
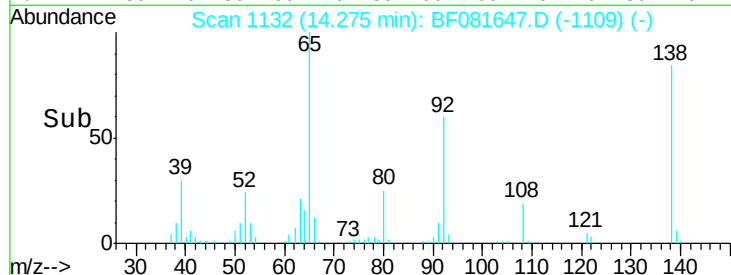
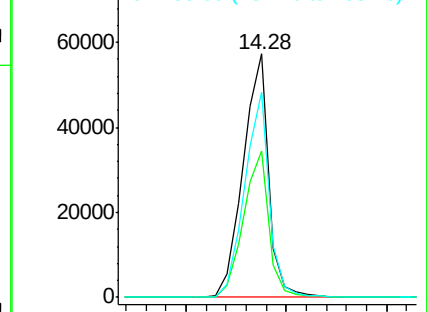
65 100

92 60.3 55.4 83.0

138 84.3 115.5 173.3#



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



#48

Acenaphthylene

Concen: 37.92 ng

RT: 14.88 min Scan# 1185

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

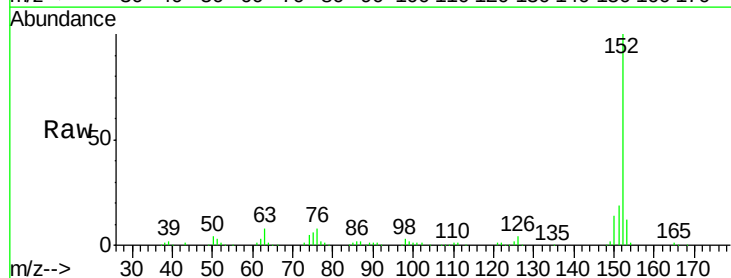
Tgt Ion: 152 Resp: 399949

Ion Ratio Lower Upper

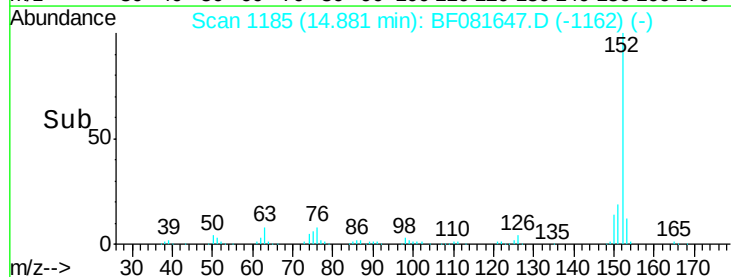
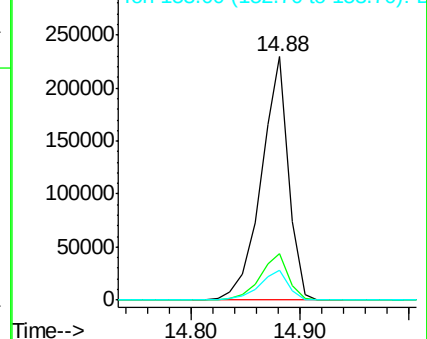
152 100

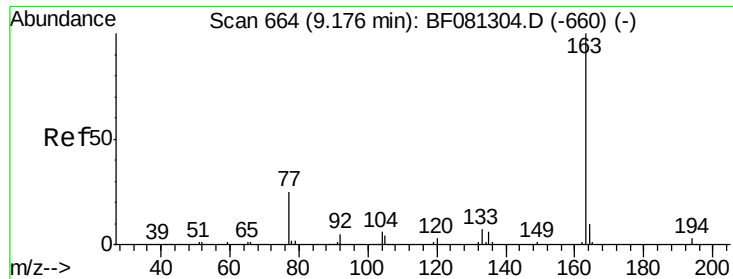
151 19.4 14.6 22.0

153 12.3 10.3 15.5



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





#49

Dimethylphthalate

Concen: 41.34 ng

RT: 14.81 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

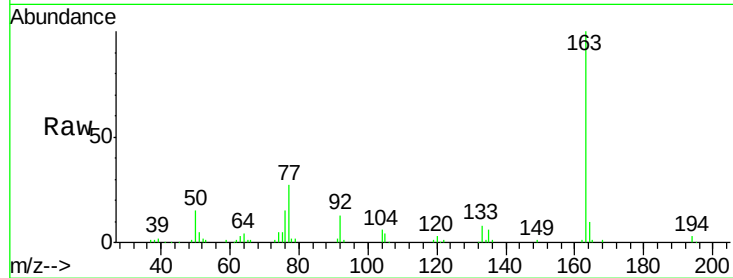
Tgt Ion:163 Resp: 287413

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

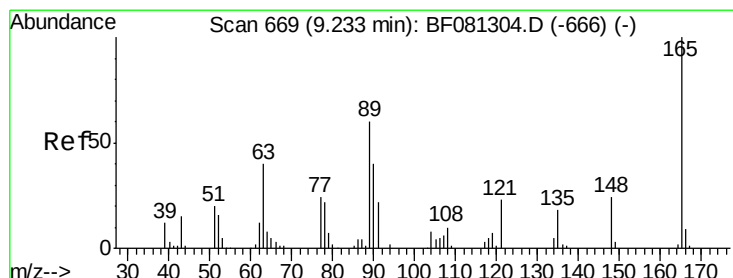
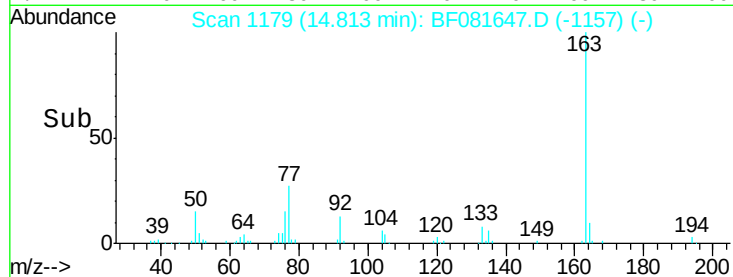
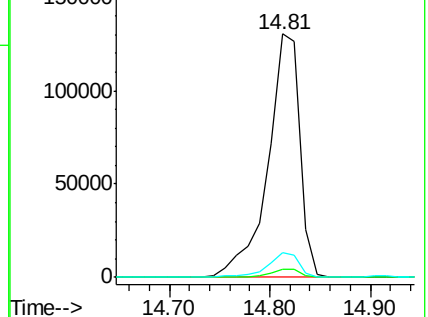
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.64 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

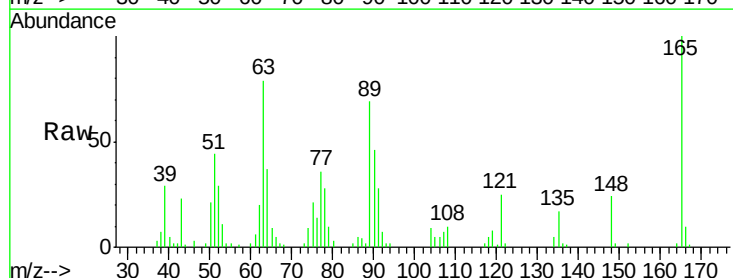
Tgt Ion:165 Resp: 59388

Ion Ratio Lower Upper

165 100

63 78.8 32.3 48.5#

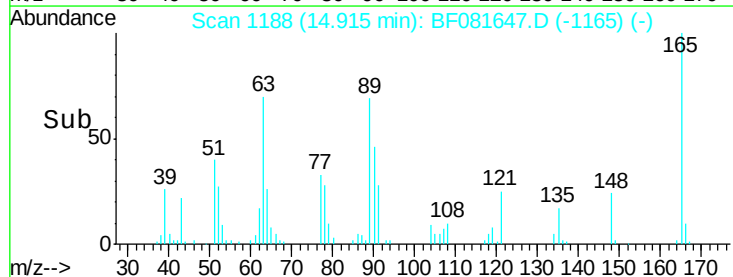
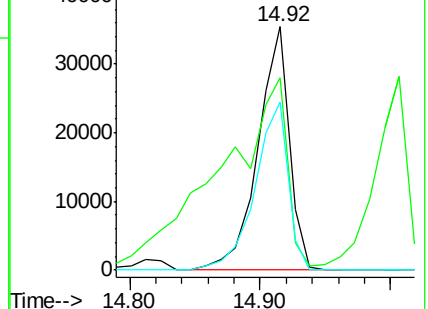
89 69.3 28.6 43.0#

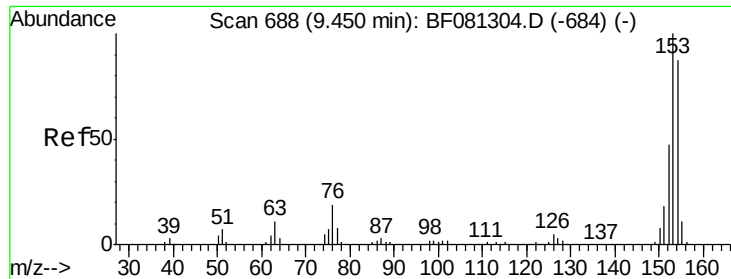


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.09 ng

RT: 15.30 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

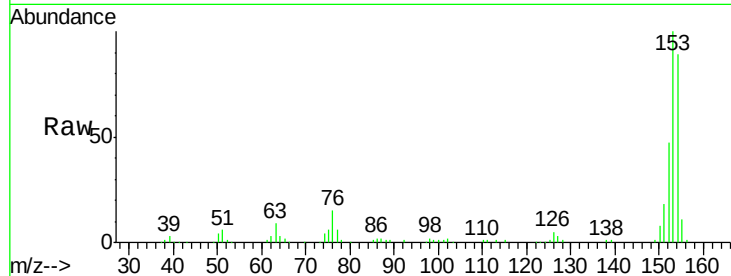
Tgt Ion:154 Resp: 228517

Ion Ratio Lower Upper

154 100

153 112.1 82.1 123.1

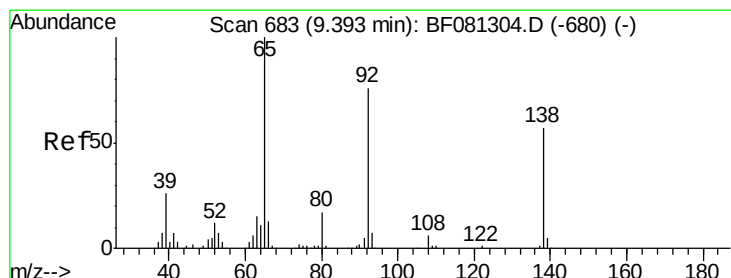
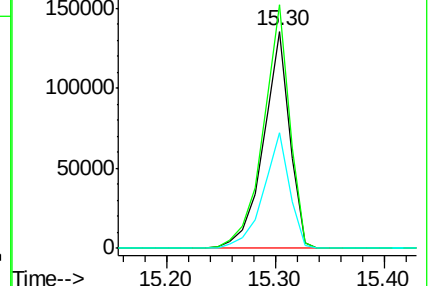
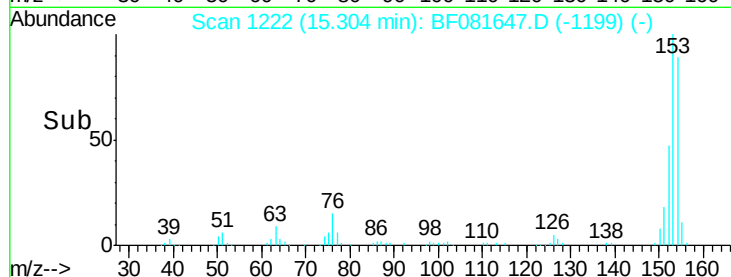
152 53.2 37.9 56.9



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: 26.81 ng

RT: 15.27 min Scan# 1219

Delta R.T. -0.05 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

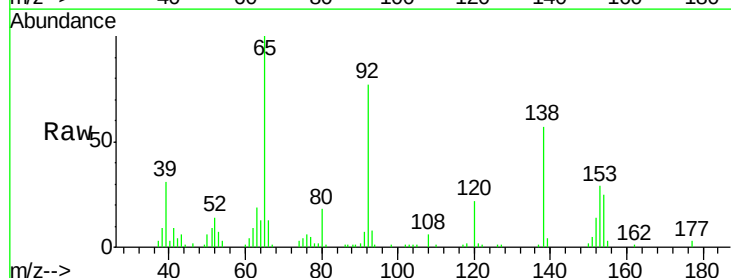
Tgt Ion:138 Resp: 48159

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

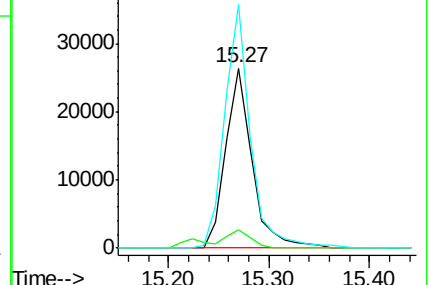
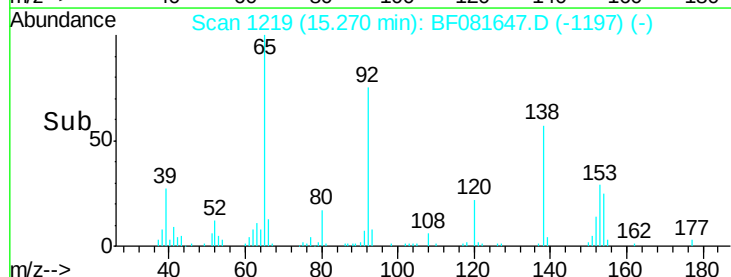
92 135.1 67.7 101.5#

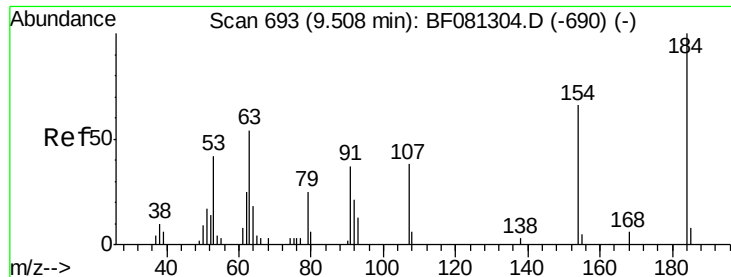


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

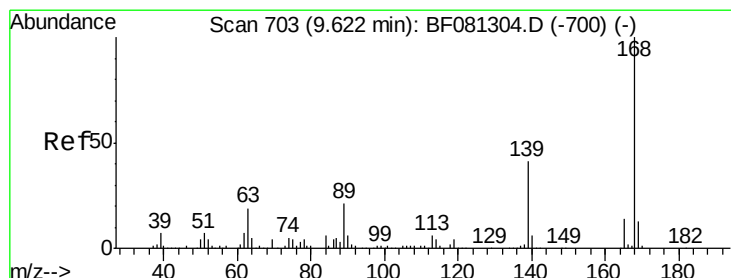
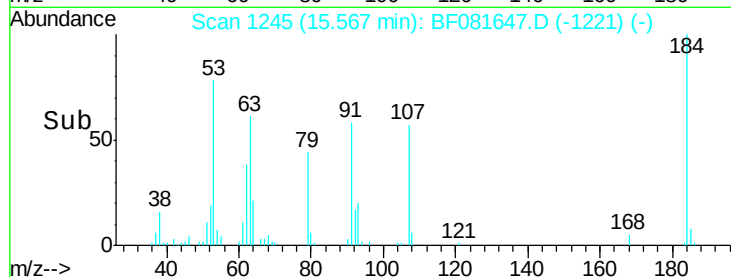
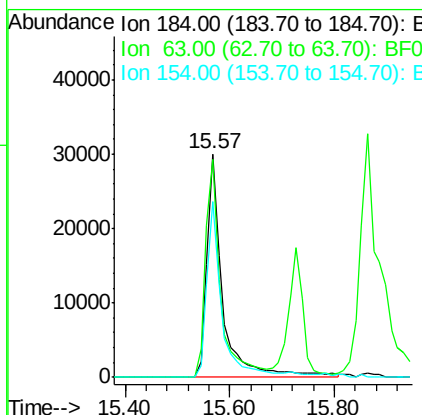
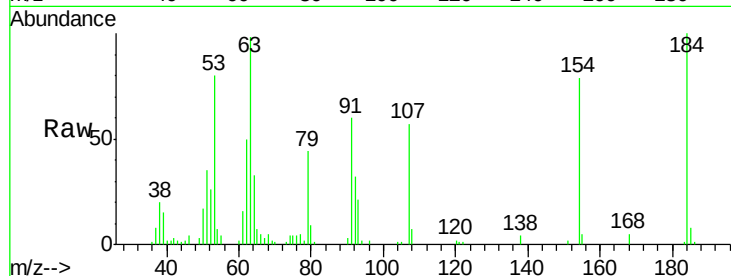




#53
2,4-Dinitrophenol
Concen: 78.91 ng
RT: 15.57 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

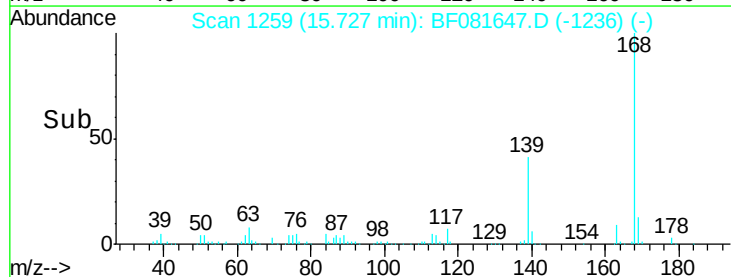
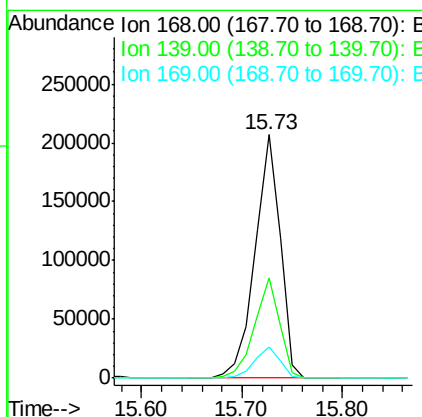
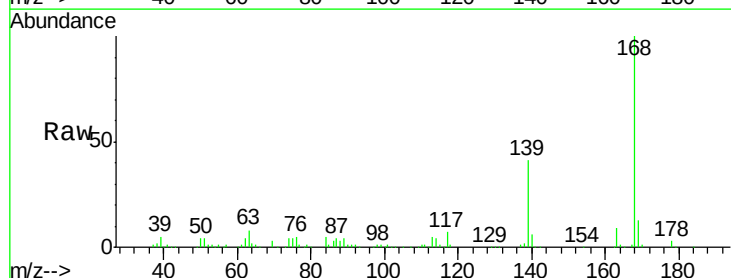
Instrument :
BNA_F
ClientSampleId :
PB85464BS

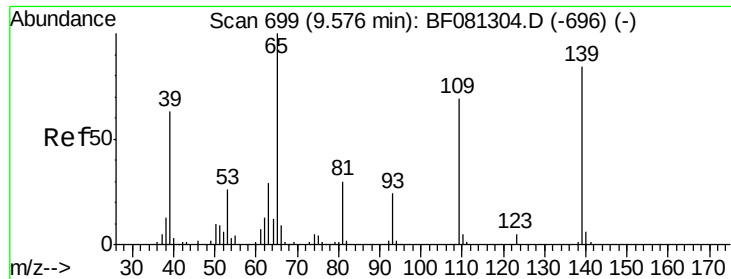
Tgt Ion:184 Resp: 63480
Ion Ratio Lower Upper
184 100
63 97.7 35.4 53.2#
154 78.7 32.2 48.4#



#54
Dibenzofuran
Concen: 41.11 ng
RT: 15.73 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion:168 Resp: 360136
Ion Ratio Lower Upper
168 100
139 41.1 24.2 36.2#
169 12.7 10.6 15.8

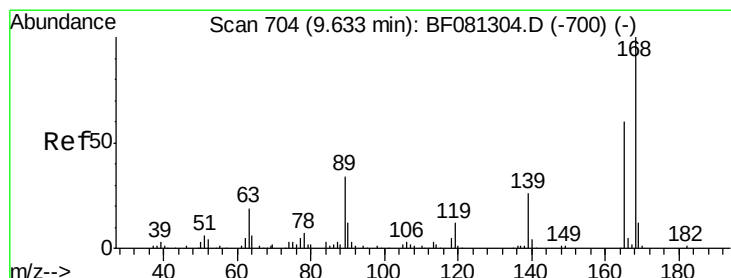
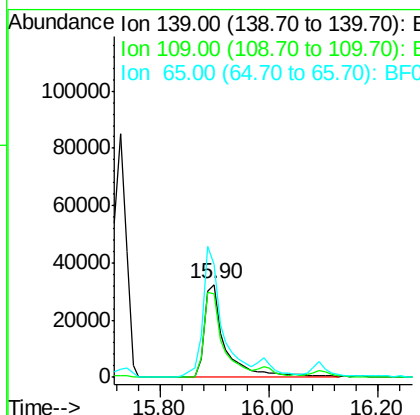
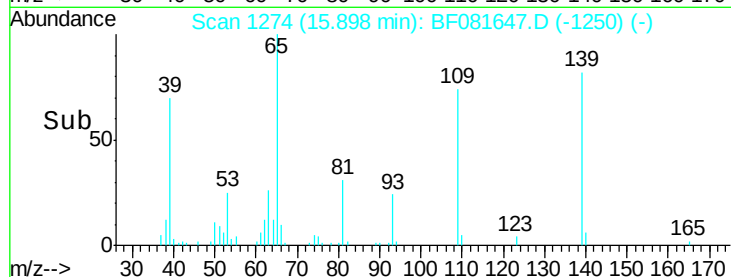
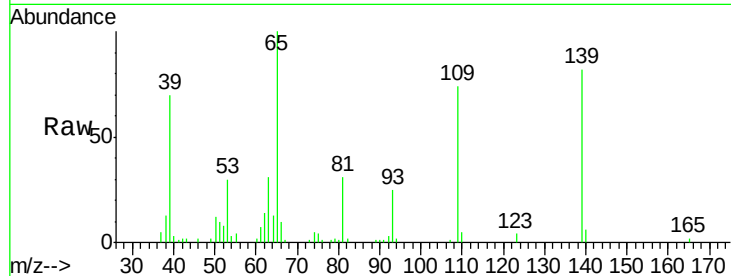




#55
4-Nitrophenol
Concen: 75.92 ng
RT: 15.90 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

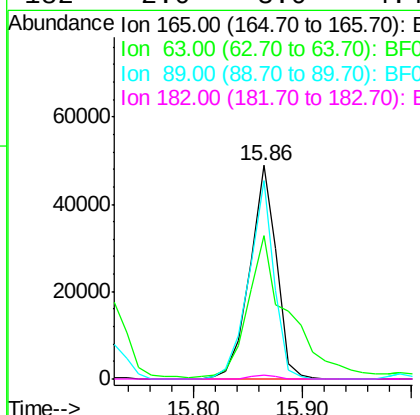
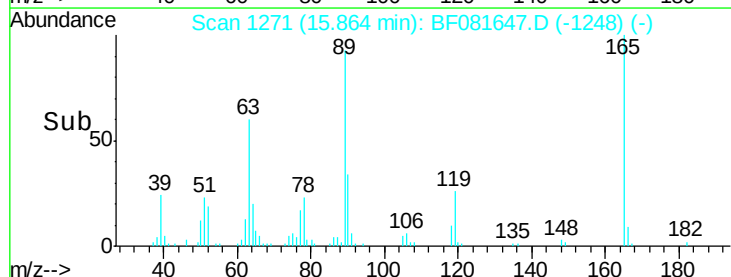
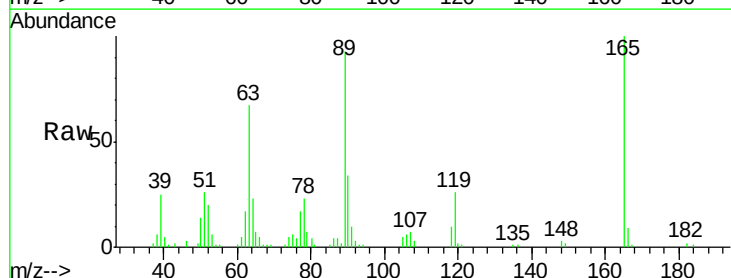
Instrument :
BNA_F
ClientSampleId :
PB85464BS

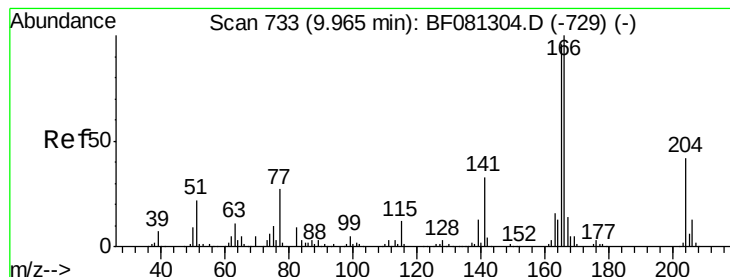
Tgt Ion:139 Resp: 85676
Ion Ratio Lower Upper
139 100
109 90.1 12.7 52.7#
65 121.9 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 41.44 ng
RT: 15.86 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion:165 Resp: 83254
Ion Ratio Lower Upper
165 100
63 67.0 29.8 44.6#
89 92.7 44.5 66.7#
182 2.0 3.0 4.4#





#57

Fluorene

Concen: 42.42 ng

RT: 16.54 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

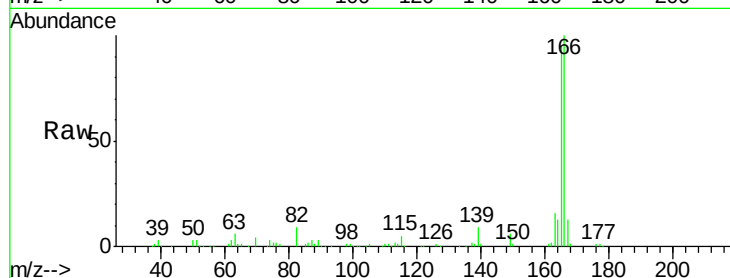
Tgt Ion:166 Resp: 282015

Ion Ratio Lower Upper

166 100

165 95.3 72.6 109.0

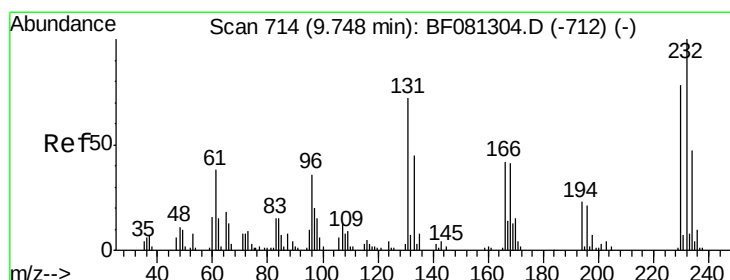
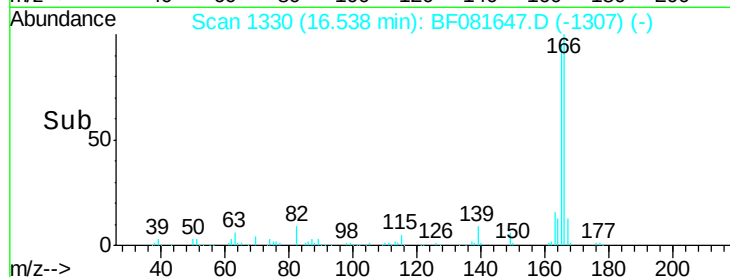
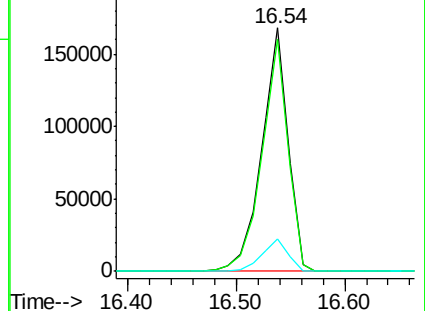
167 13.4 10.6 16.0



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: 43.55 ng

RT: 16.09 min Scan# 1291

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Tgt Ion:232 Resp: 66242

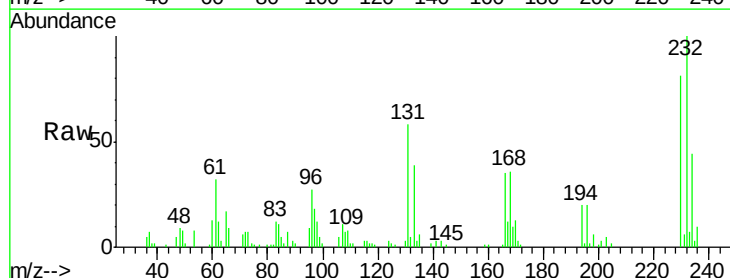
Ion Ratio Lower Upper

232 100

131 56.2 38.5 57.7

130 2.2 1.8 2.6

166 33.4 25.0 37.6

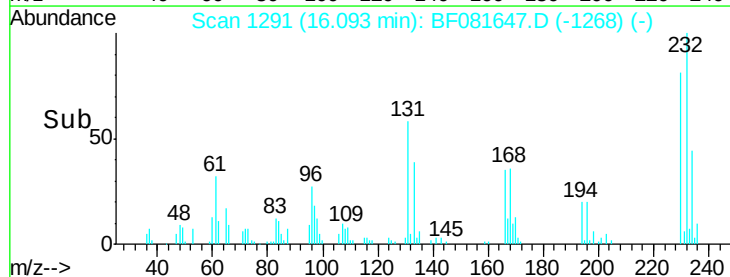
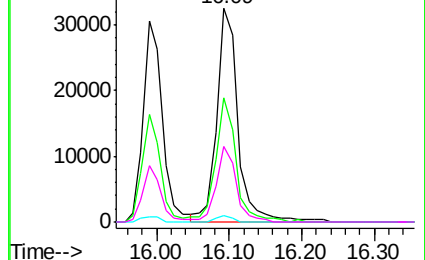


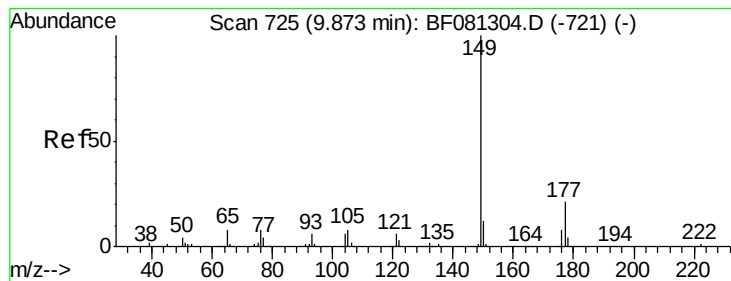
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.35 ng

RT: 16.52 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

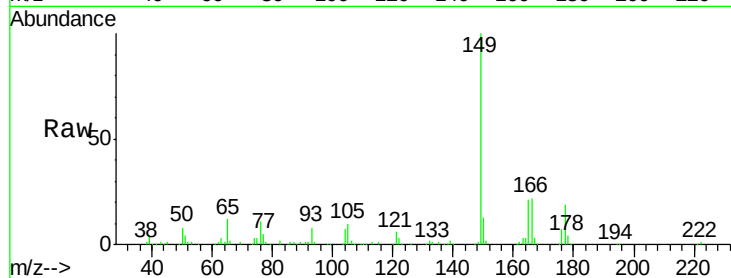
Tgt Ion:149 Resp: 317043

Ion Ratio Lower Upper

149 100

177 18.7 17.5 26.3

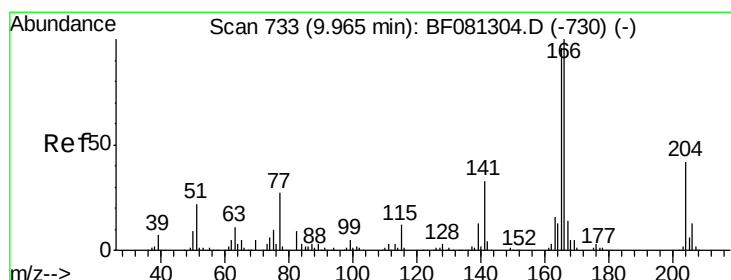
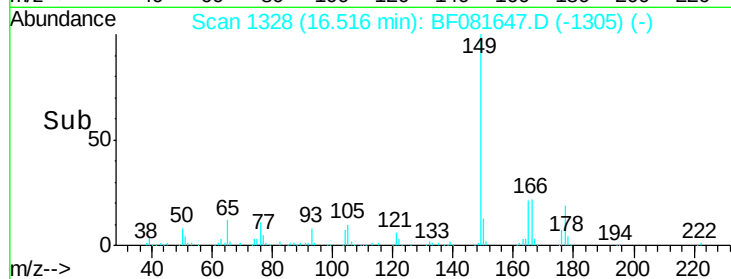
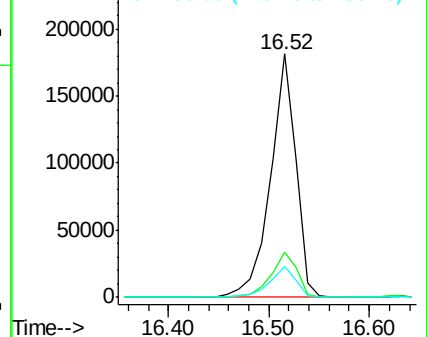
150 12.7 9.4 14.2



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: 44.22 ng

RT: 16.63 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

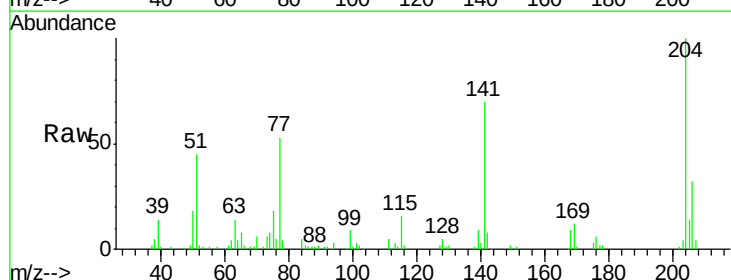
Tgt Ion:204 Resp: 137015

Ion Ratio Lower Upper

204 100

206 32.5 24.8 37.2

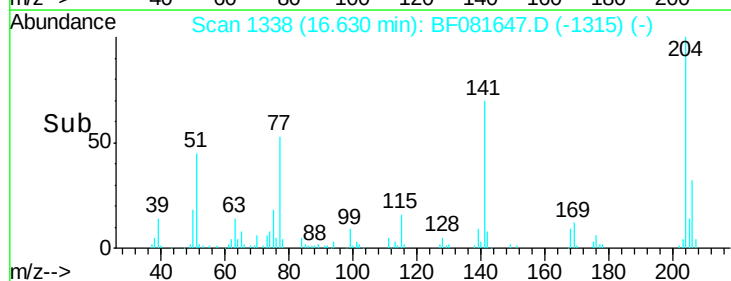
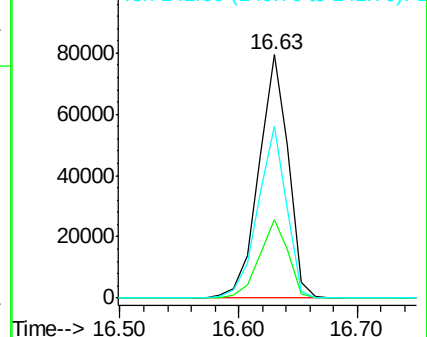
141 70.5 42.2 63.4#

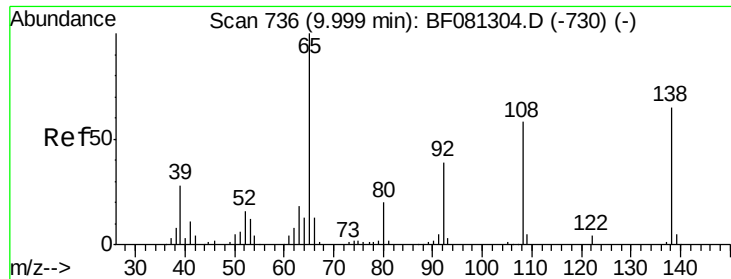


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.64 ng

RT: 16.74 min Scan# 1348

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

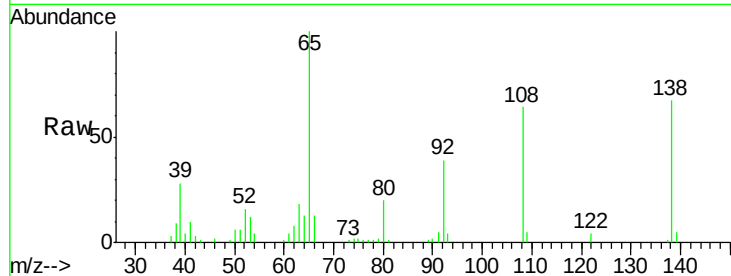
Tgt Ion:138 Resp: 61060

Ion Ratio Lower Upper

138 100

92 57.9 12.6 52.6#

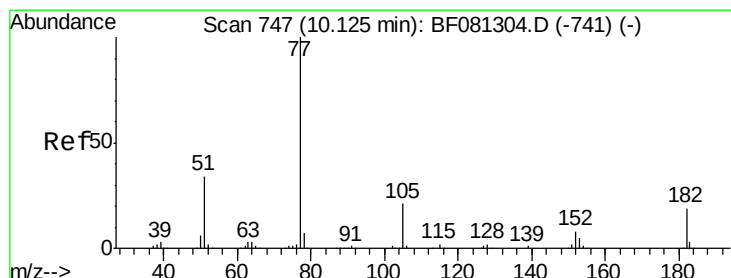
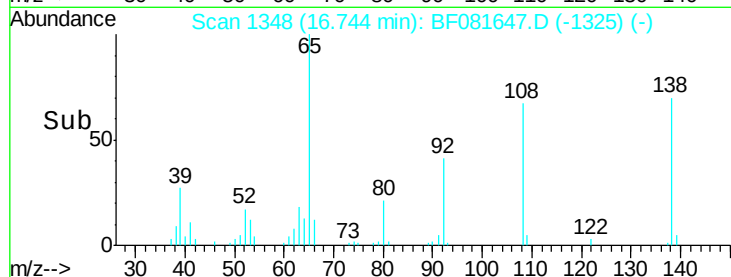
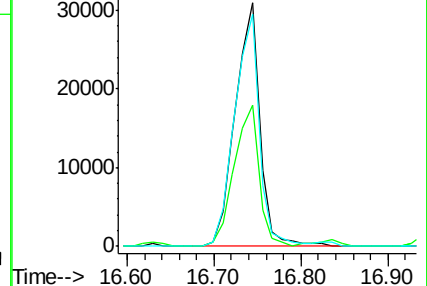
108 95.3 12.4 52.4#



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: 43.72 ng

RT: 17.00 min Scan# 1370

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Tgt Ion: 77 Resp: 355470

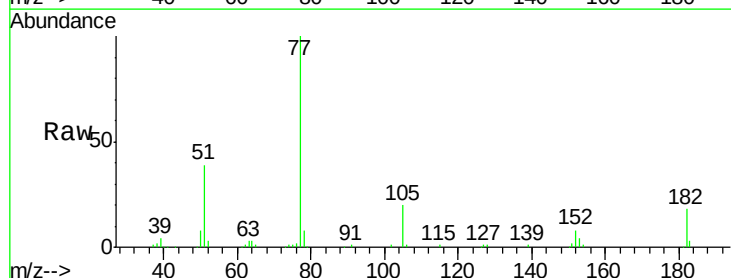
Ion Ratio Lower Upper

77 100

182 18.3 15.1 55.1

105 20.1 3.4 43.4

51 39.4 12.0 52.0

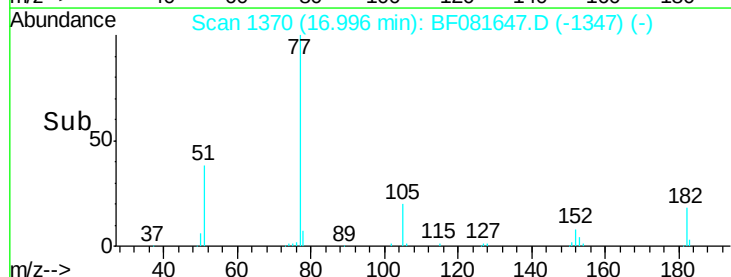
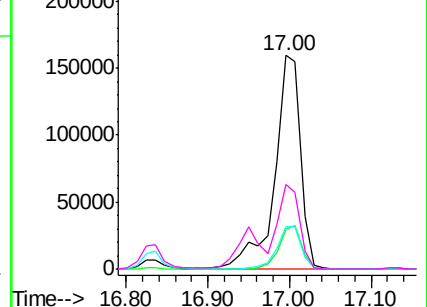


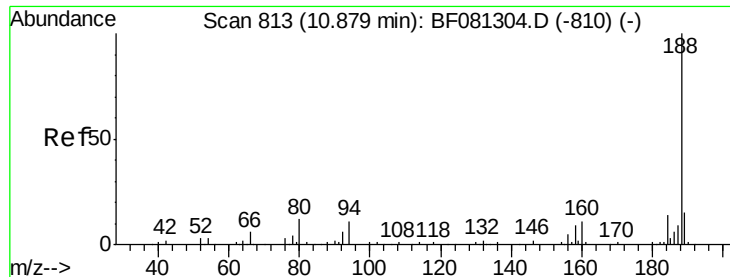
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

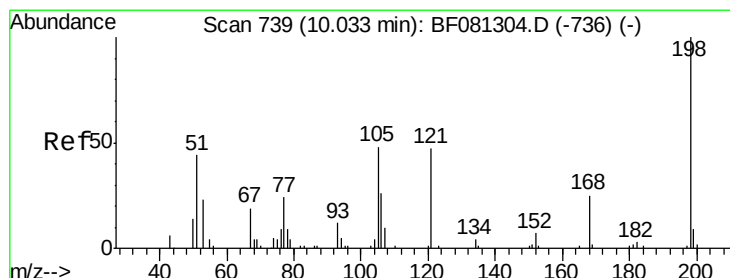
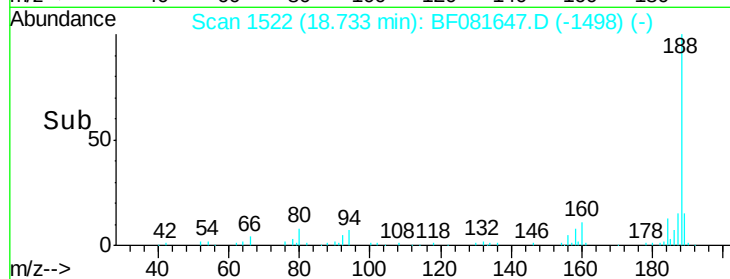
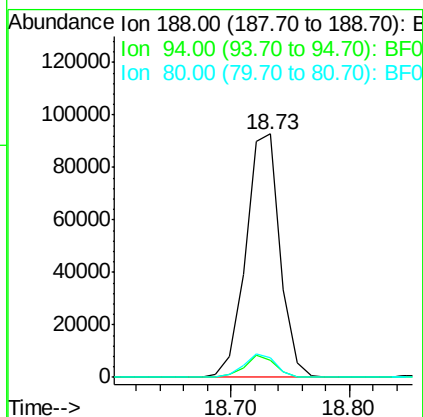
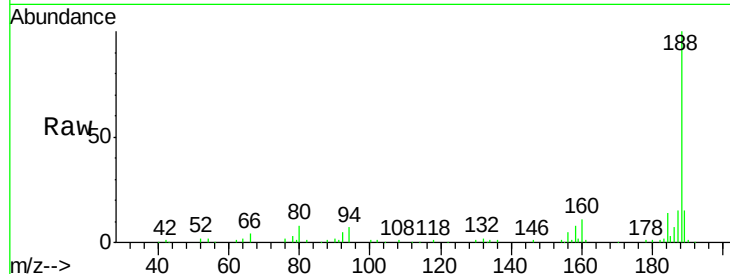




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.73 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

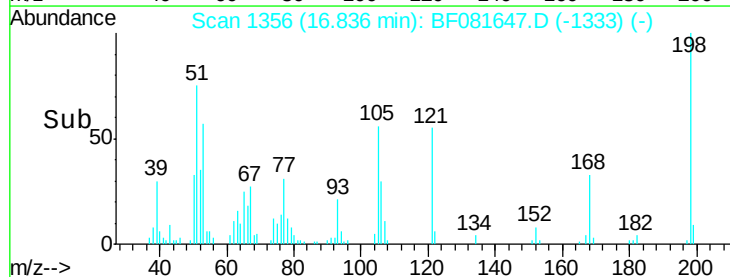
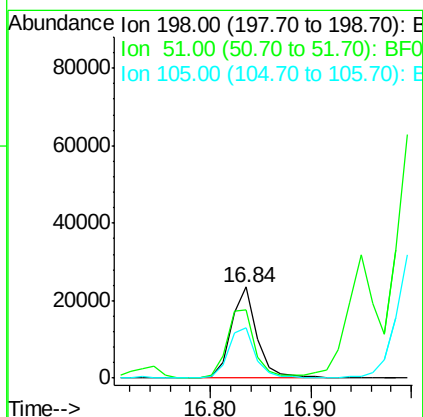
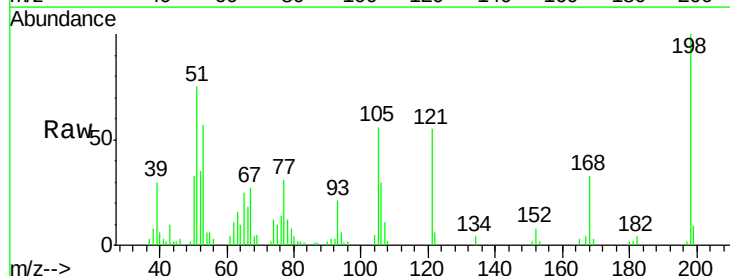
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

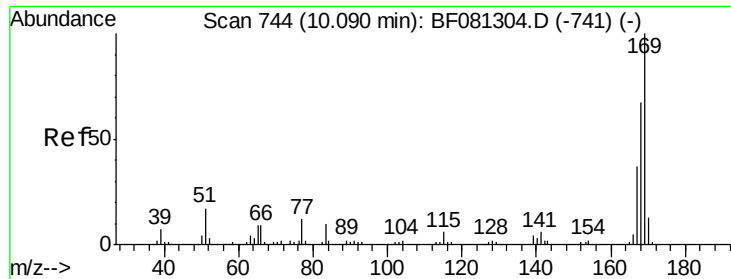
Tgt Ion:188 Resp: 185899
 Ion Ratio Lower Upper
 188 100
 94 7.0 11.1 16.7#
 80 8.1 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.94 ng
 RT: 16.84 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion:198 Resp: 41532
 Ion Ratio Lower Upper
 198 100
 51 75.4 39.6 79.6
 105 56.0 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 36.71 ng

RT: 16.95 min Scan# 1366

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

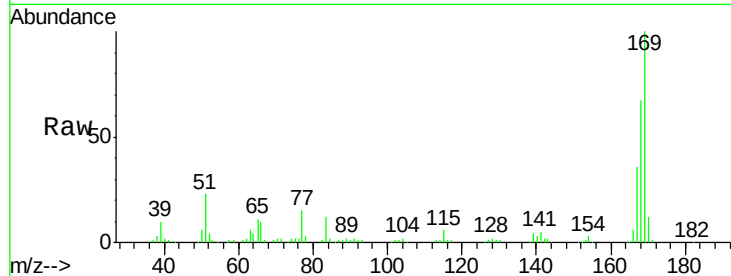
Tgt Ion:169 Resp: 248297

Ion Ratio Lower Upper

169 100

168 67.3 48.9 73.3

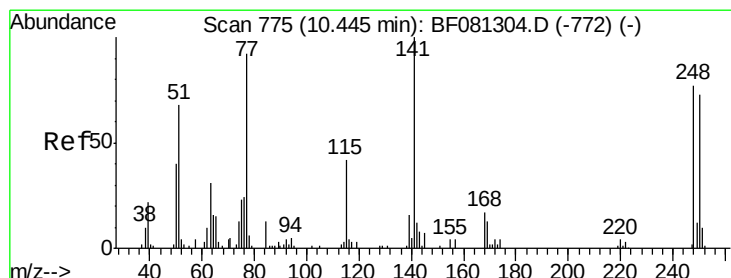
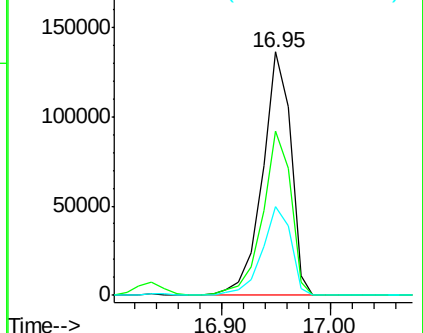
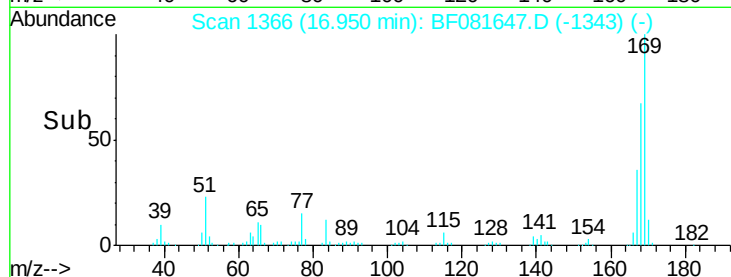
167 36.5 26.2 39.4



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: 41.12 ng

RT: 17.77 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

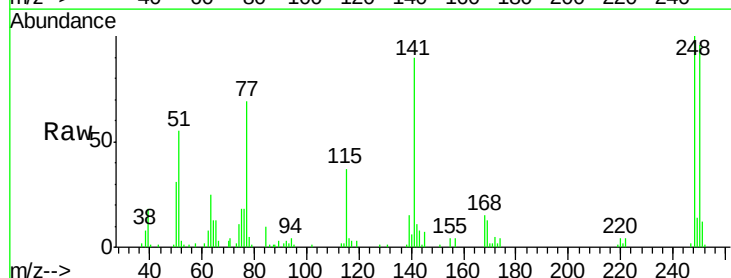
Tgt Ion:248 Resp: 77302

Ion Ratio Lower Upper

248 100

250 95.7 78.5 117.7

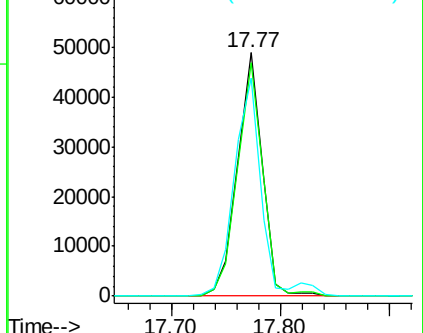
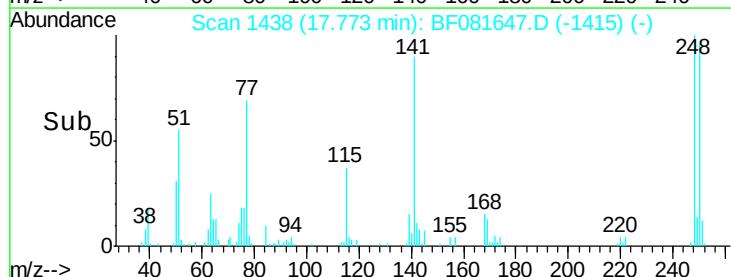
141 89.7 59.0 88.6#

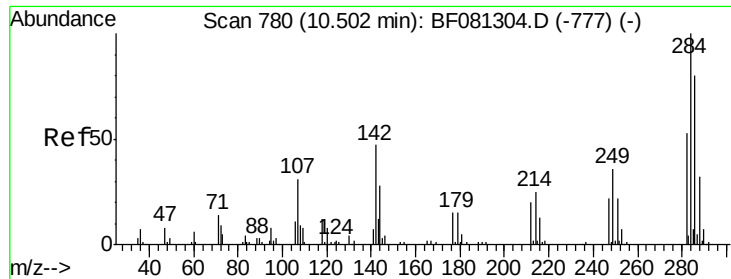


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.29 ng

RT: 17.82 min Scan# 1442

Delta R.T. -0.05 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

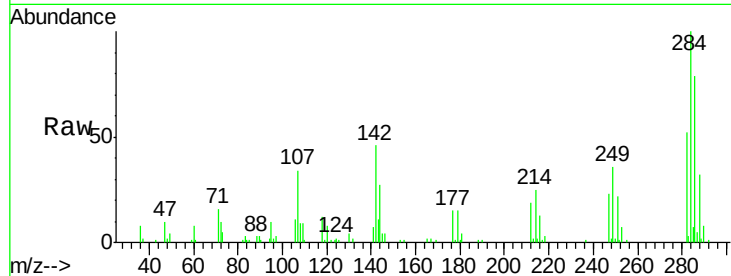
Tgt Ion:284 Resp: 77215

Ion Ratio Lower Upper

284 100

142 45.6 29.5 44.3#

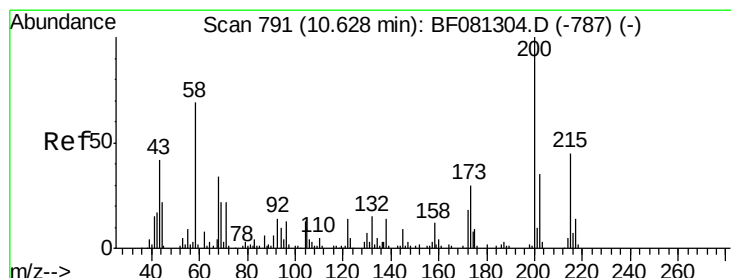
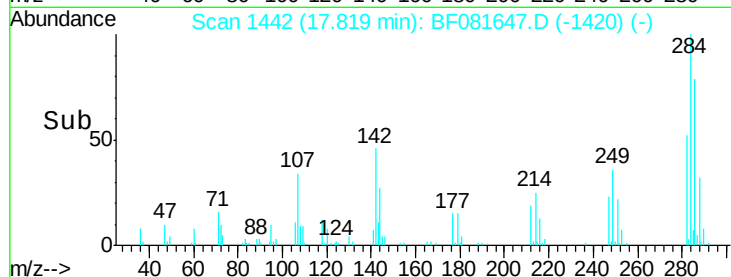
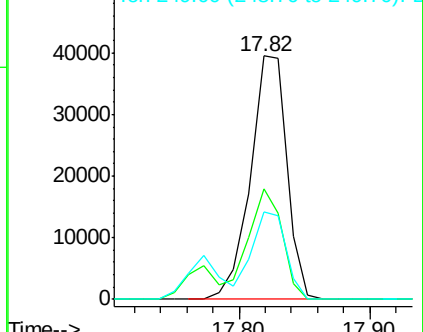
249 35.7 19.5 29.3#



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: 47.12 ng

RT: 18.36 min Scan# 1489

Delta R.T. -0.05 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

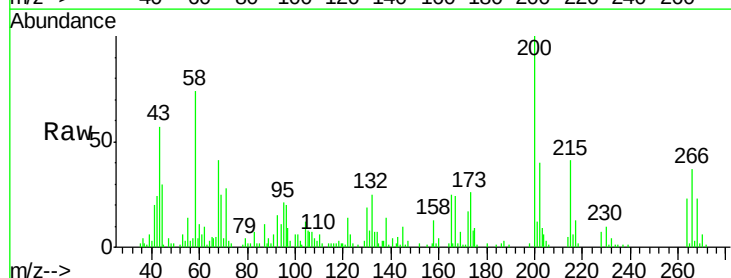
Tgt Ion:200 Resp: 92237

Ion Ratio Lower Upper

200 100

173 26.2 13.2 53.2

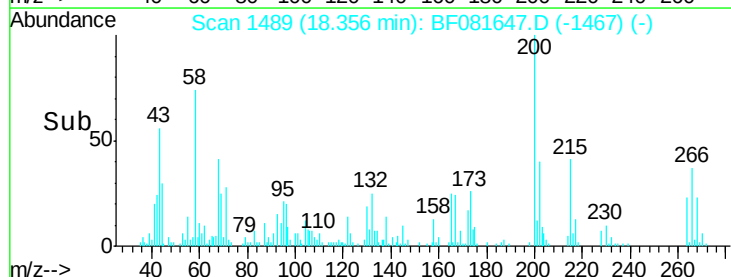
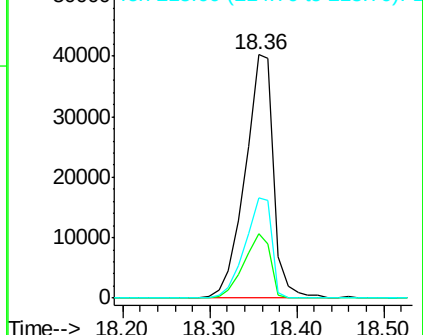
215 41.4 41.8 81.8#

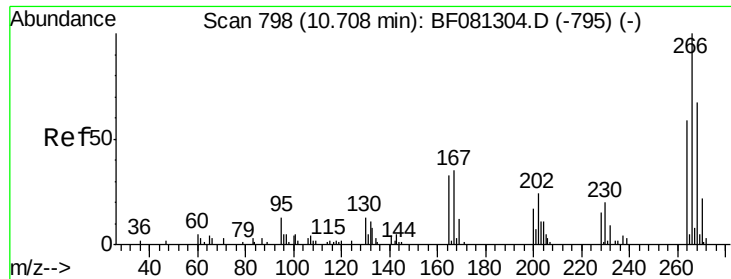


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

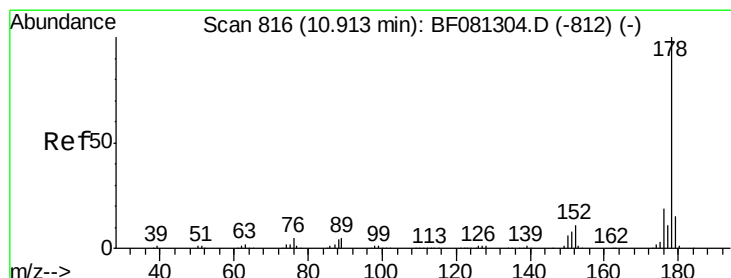
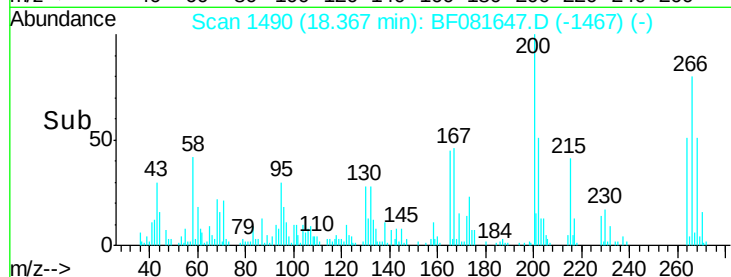
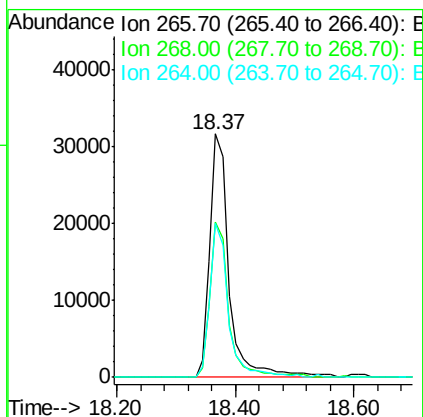
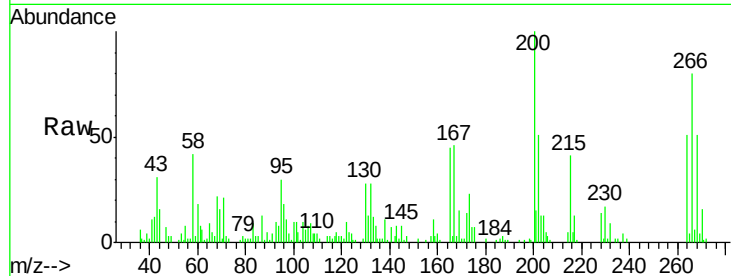




#69
 Pentachlorophenol
 Concen: 75.78 ng
 RT: 18.37 min Scan# 1490
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

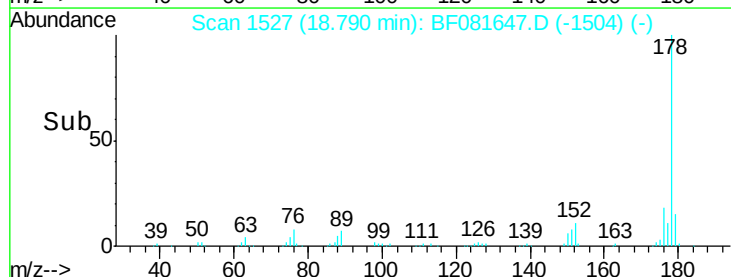
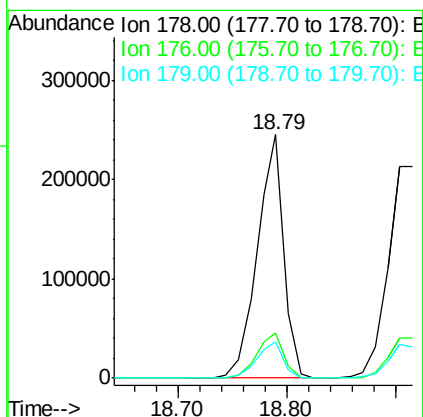
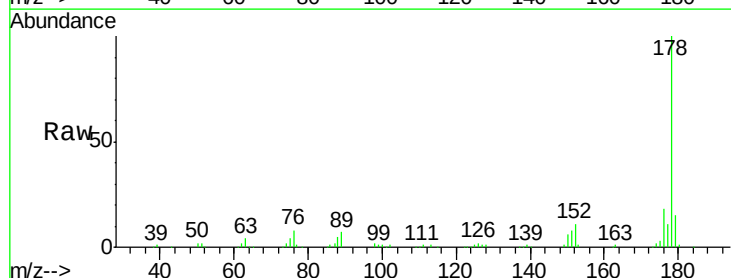
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

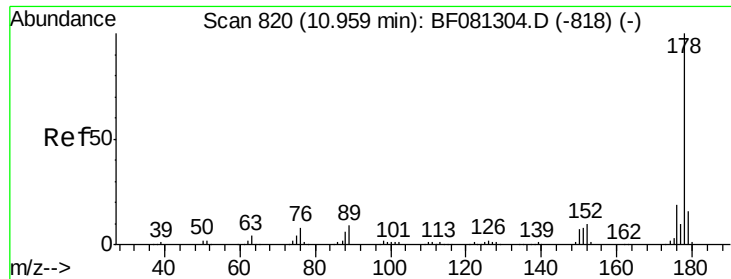
Tgt Ion: 266 Resp: 72012
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.8 74.6
 264 63.2 50.2 75.2



#70
 Phenanthrene
 Concen: 39.95 ng
 RT: 18.79 min Scan# 1527
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion: 178 Resp: 412854
 Ion Ratio Lower Upper
 178 100
 176 18.4 13.8 20.8
 179 14.7 12.2 18.2

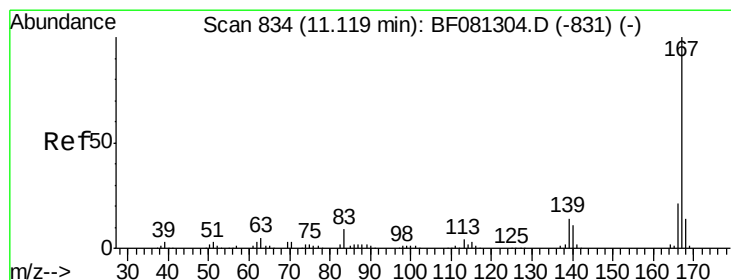
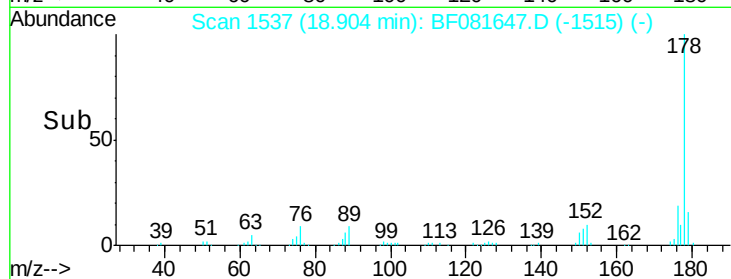
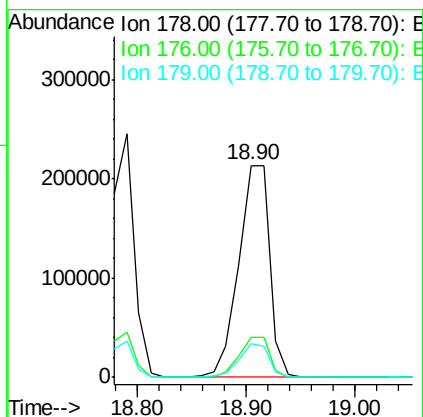
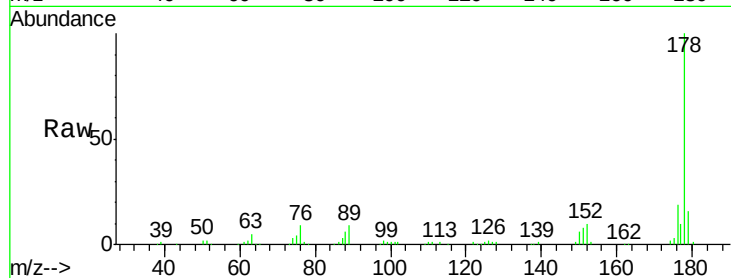




#71
 Anthracene
 Concen: 39.83 ng
 RT: 18.90 min Scan# 1537
 Delta R.T. -0.05 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

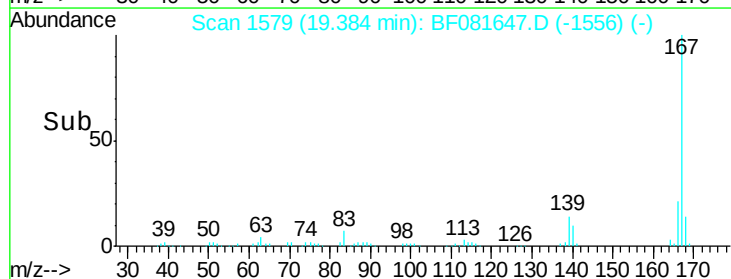
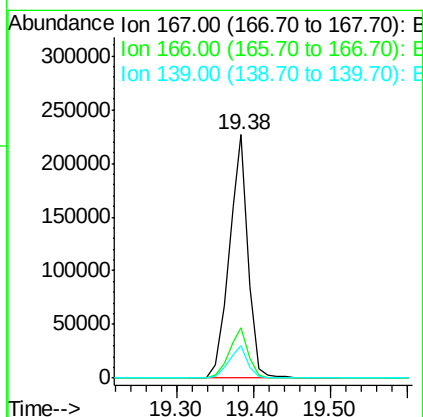
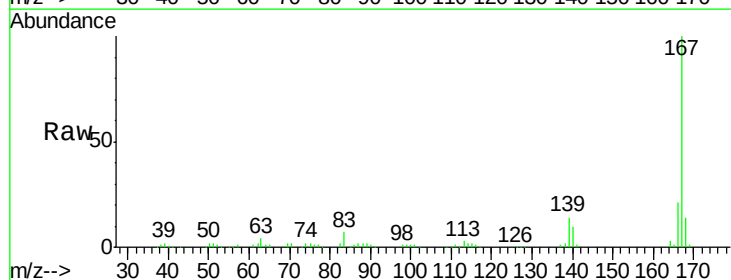
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

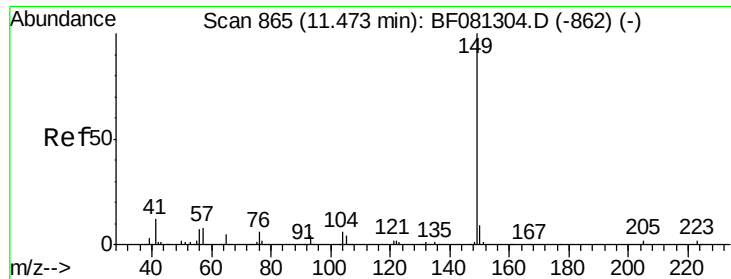
Tgt Ion:178 Resp: 422862
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.7 12.2 18.2



#72
 Carbazole
 Concen: 39.13 ng
 RT: 19.38 min Scan# 1579
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion:167 Resp: 389902
 Ion Ratio Lower Upper
 167 100
 166 20.5 15.7 23.5
 139 13.6 9.5 14.3





#73

Di-n-butylphthalate

Concen: 43.92 ng

RT: 20.44 min Scan# 1671

Delta R.T. -0.03 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

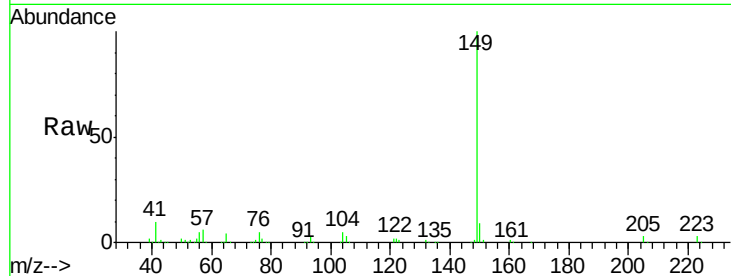
Tgt Ion:149 Resp: 516761

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

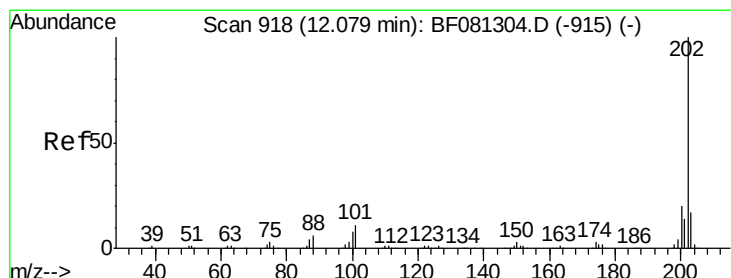
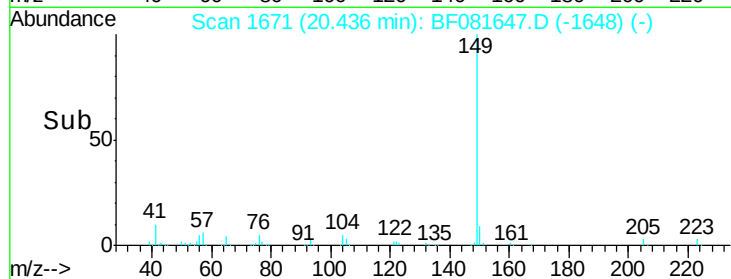
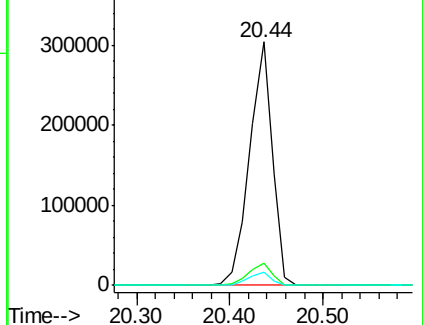
104 5.3 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.57 ng

RT: 21.41 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

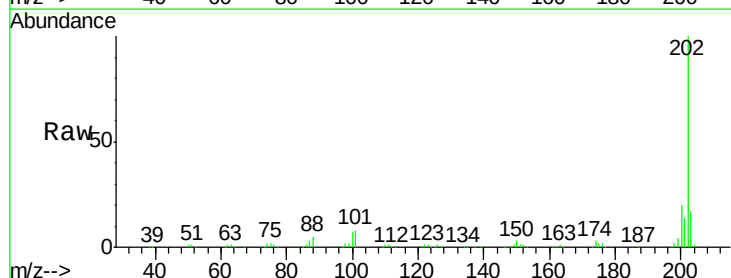
Tgt Ion:202 Resp: 453901

Ion Ratio Lower Upper

202 100

101 8.5 0.0 38.3

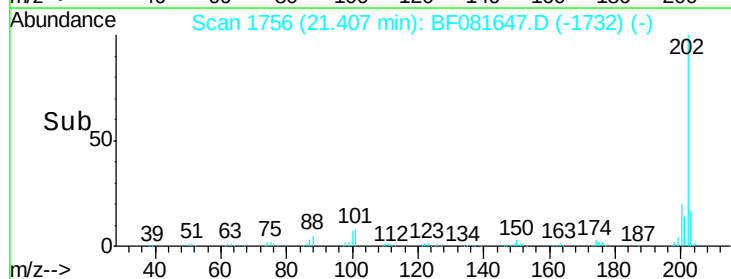
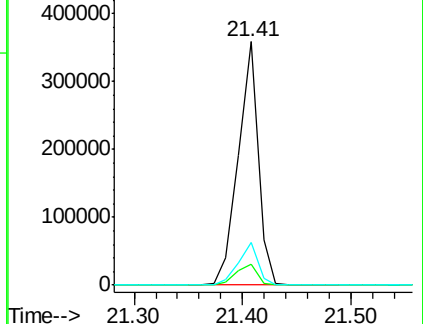
203 17.3 0.0 37.3

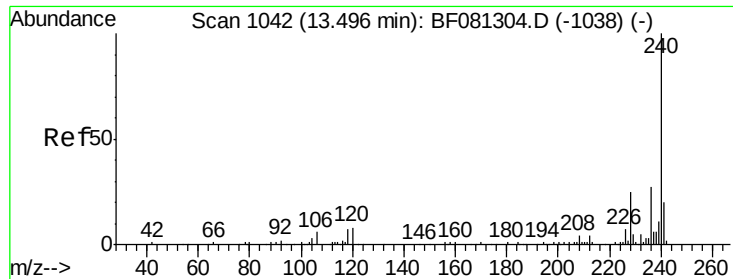


Abundance Ion 202.00 (201.70 to 202.70): E

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: 23.36 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

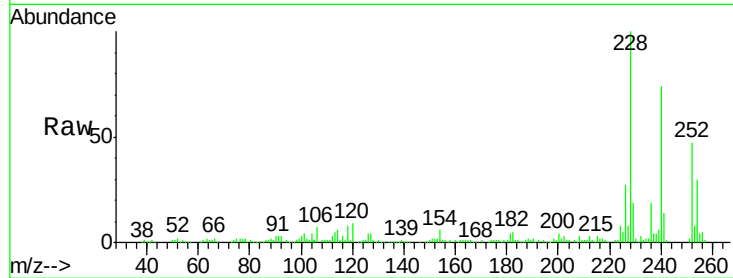
Tgt Ion:240 Resp: 147316

Ion Ratio Lower Upper

240 100

120 12.5 16.2 24.2#

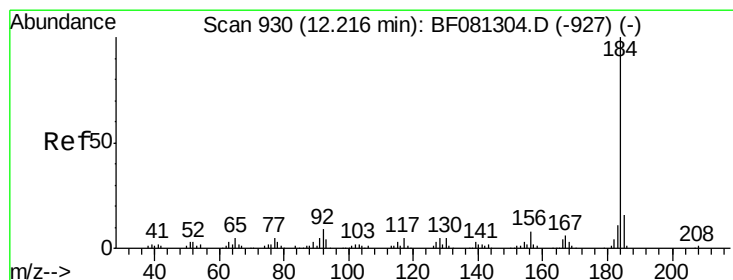
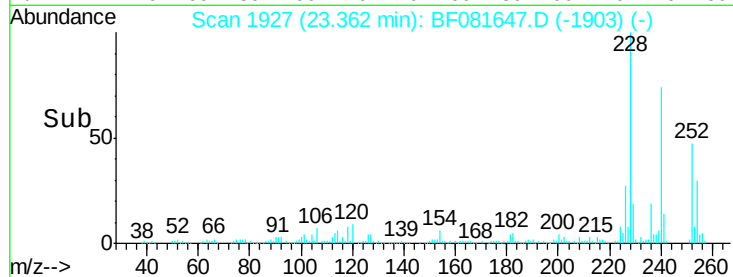
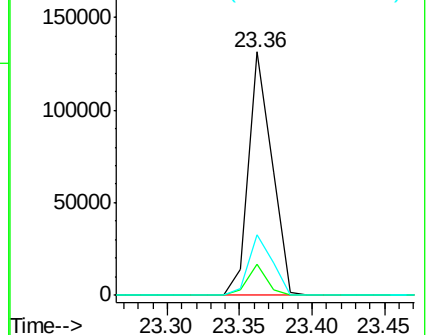
236 25.1 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.32 ng

RT: 21.72 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

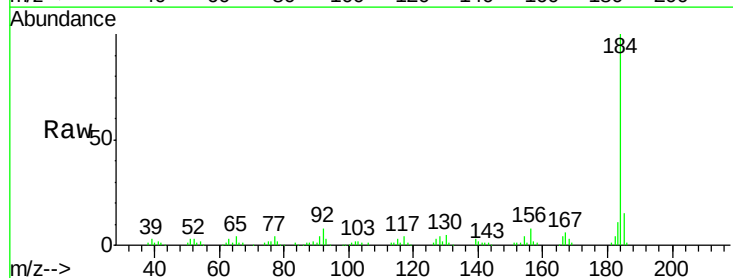
Tgt Ion:184 Resp: 204423

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

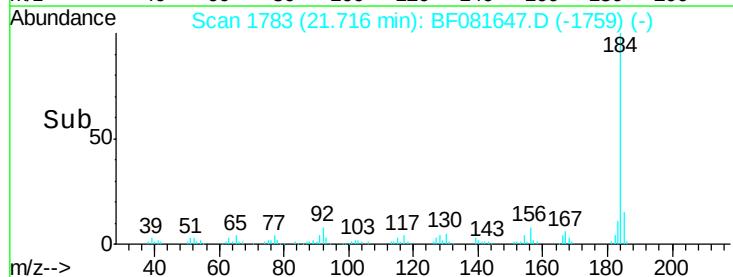
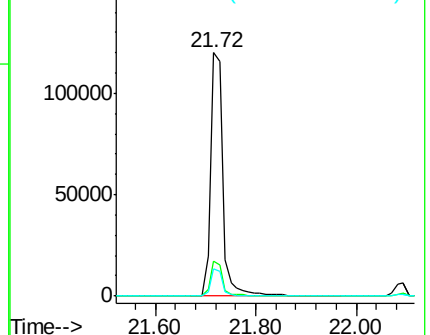
183 11.2 7.6 11.4

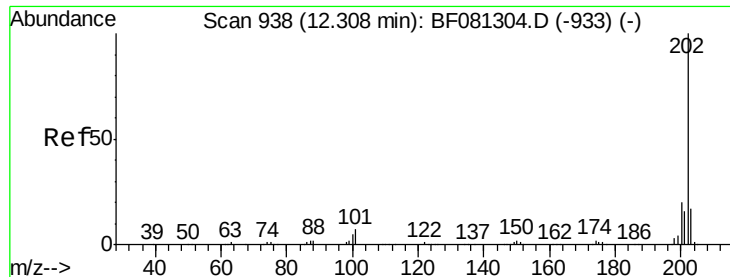


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

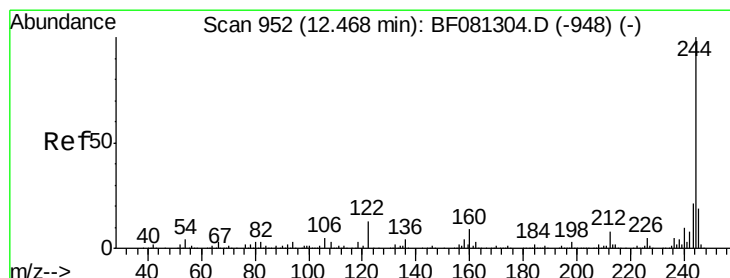
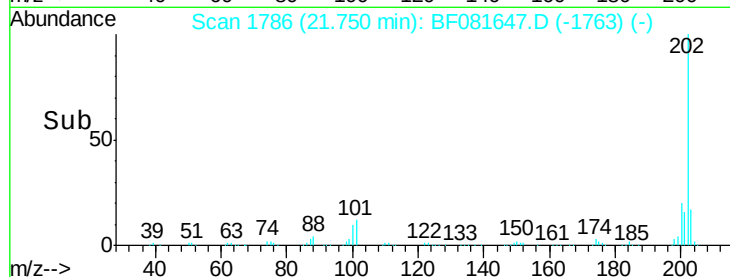
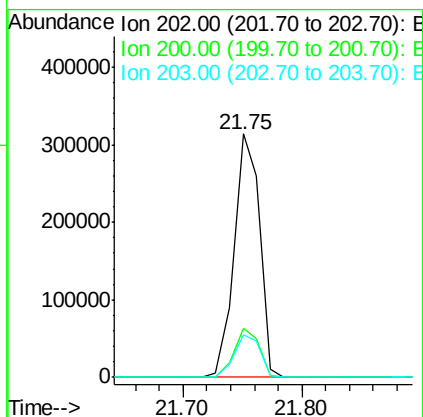
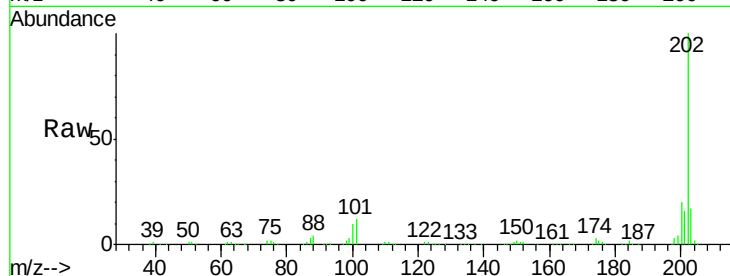




#77
 Pyrene
 Concen: 42.78 ng
 RT: 21.75 min Scan# 1786
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

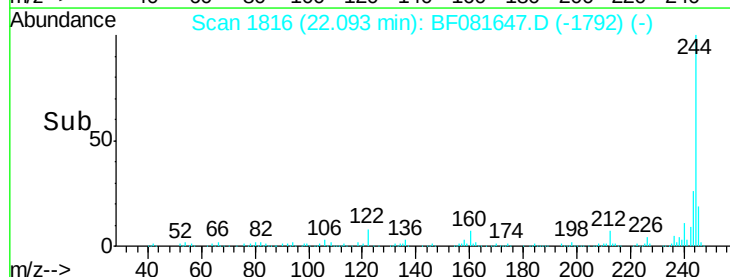
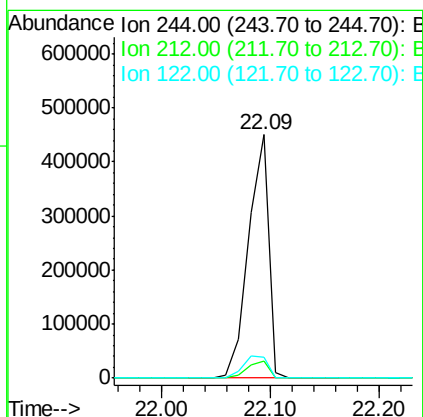
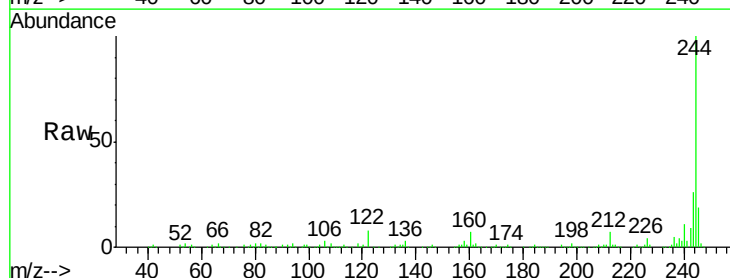
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

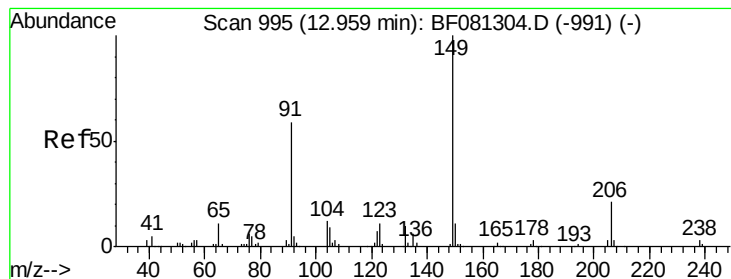
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.0	22.4
203	17.4	14.1	21.1



#78
 Terphenyl-d14
 Concen: 91.72 ng
 RT: 22.09 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	8.3	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 45.93 ng

RT: 22.78 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS

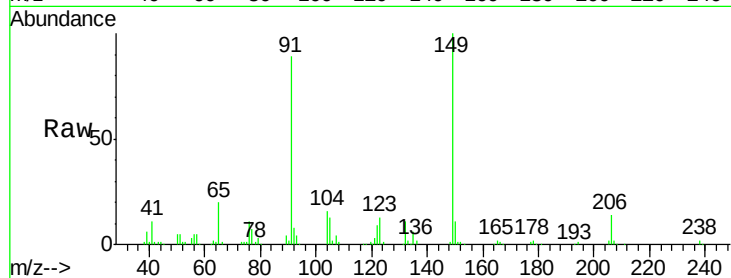
Tgt Ion:149 Resp: 217976

Ion Ratio Lower Upper

149 100

91 88.8 48.6 72.8#

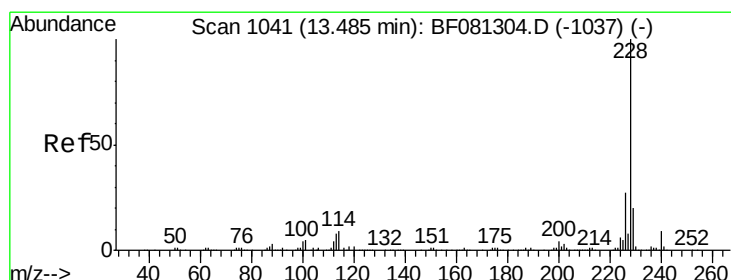
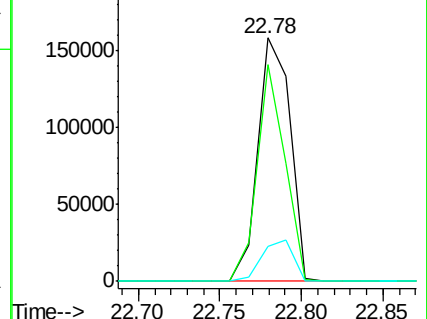
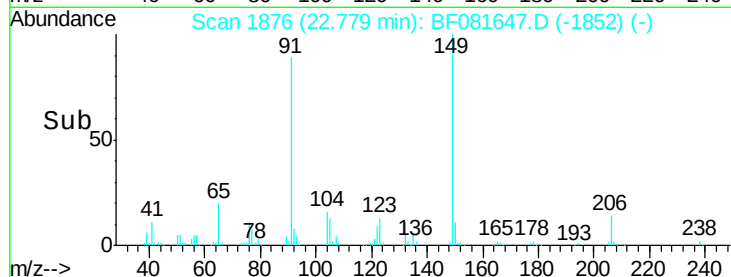
206 14.1 14.9 22.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.57 ng

RT: 23.35 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF081647.D

Acq: 16 Sep 2015 13:43

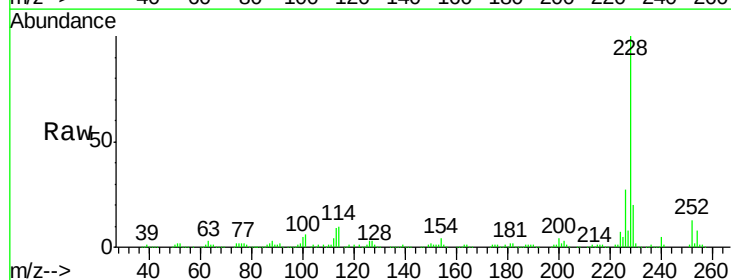
Tgt Ion:228 Resp: 380585

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

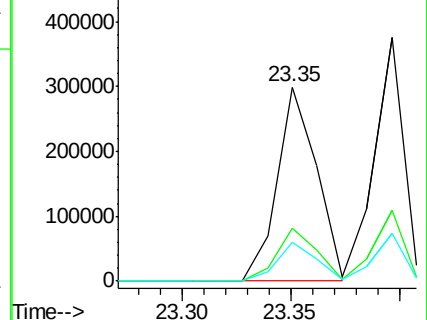
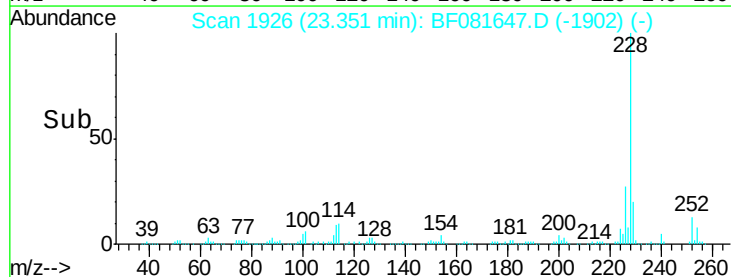
229 20.0 15.4 23.2

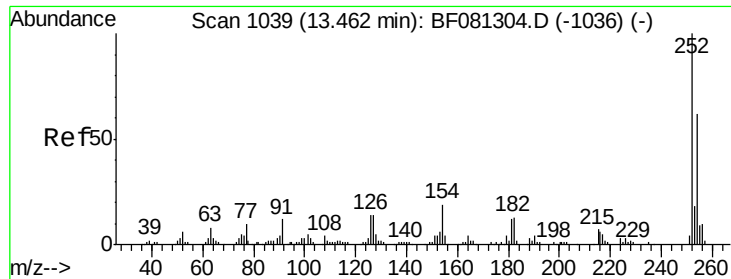


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

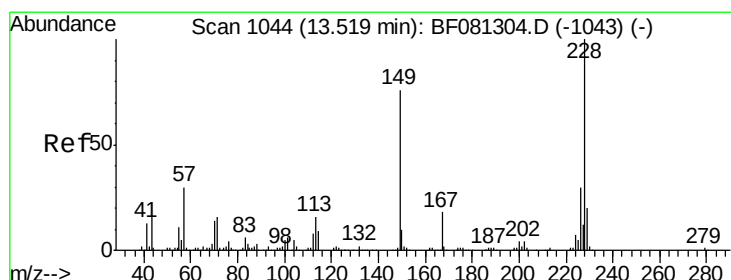
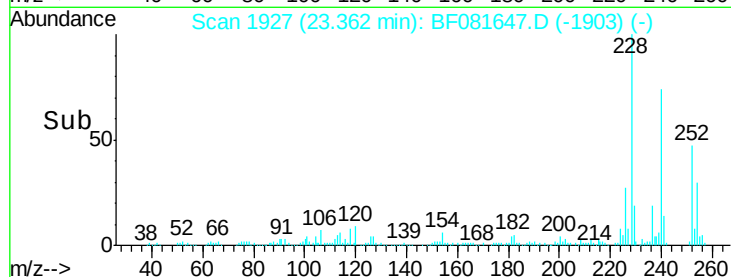
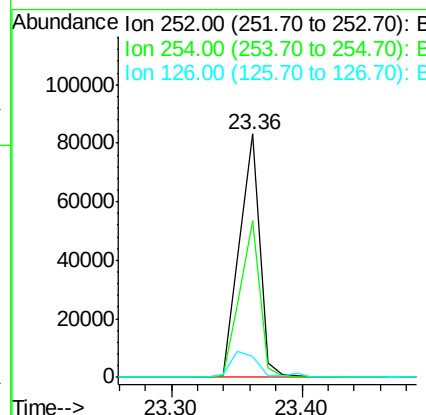
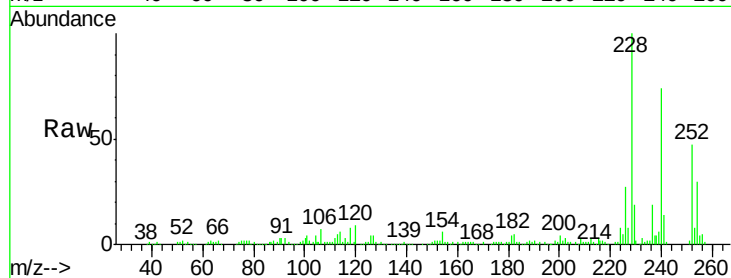




#81
 3,3'-Dichlorobenzidine
 Concen: 28.24 ng
 RT: 23.36 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

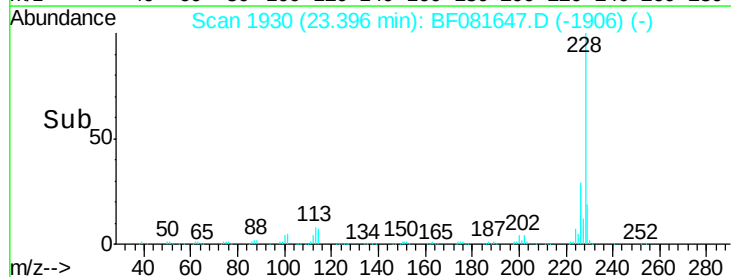
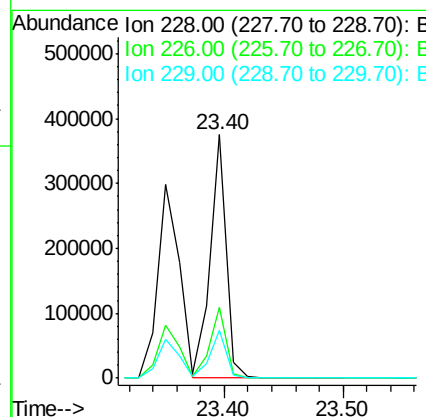
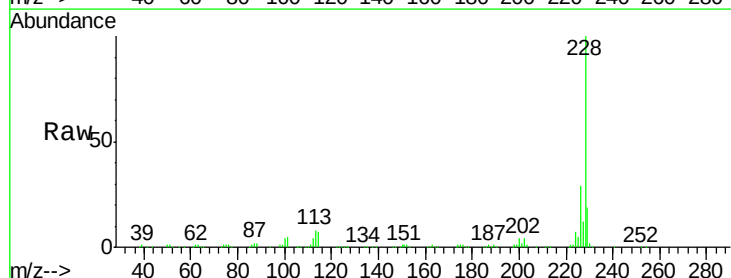
Instrument :
 BNA_F
 ClientSampled :
 PB85464BS

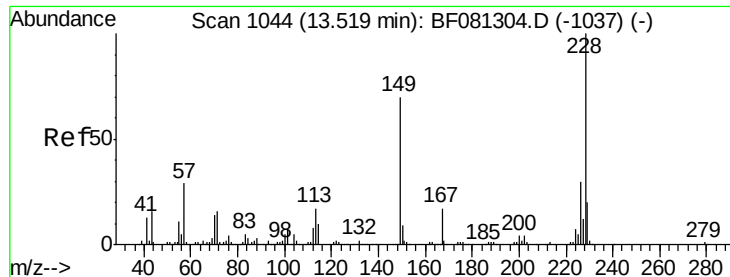
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	8.7	16.4	24.6#



#82
 Chrysene
 Concen: 41.95 ng
 RT: 23.40 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.0	31.4
229	19.5	15.6	23.4

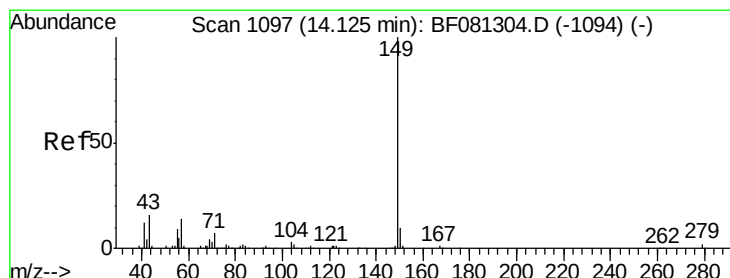
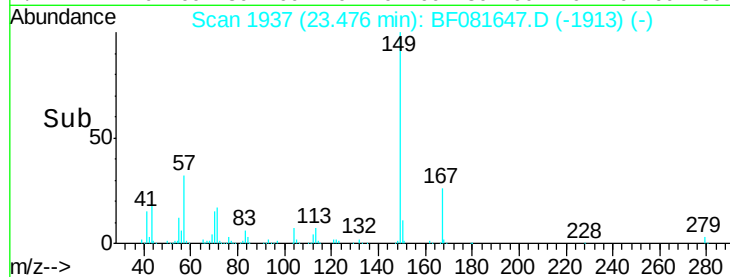
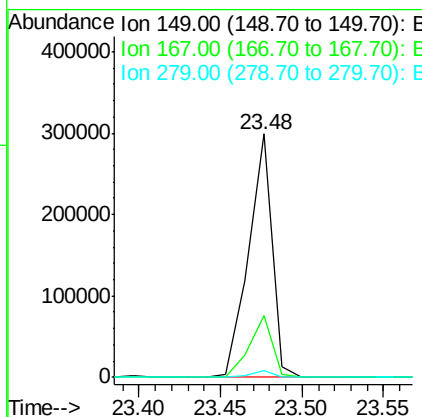
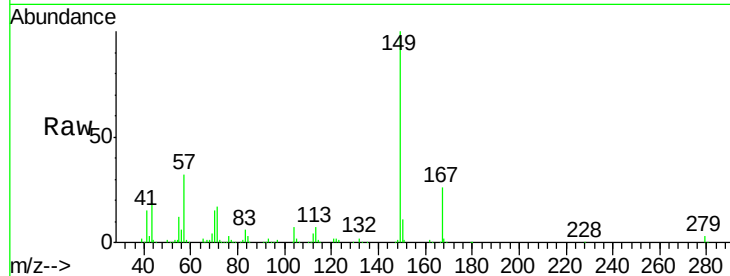




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.60 ng
 RT: 23.48 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

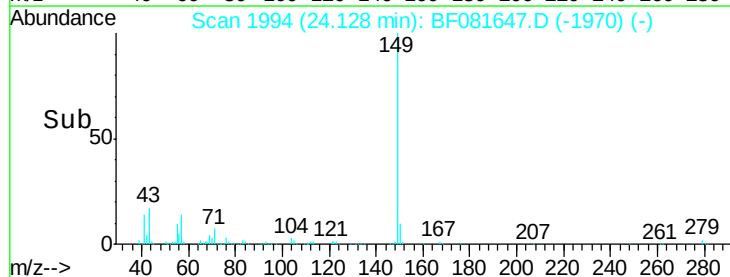
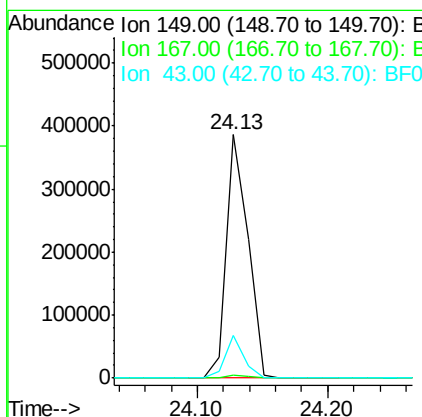
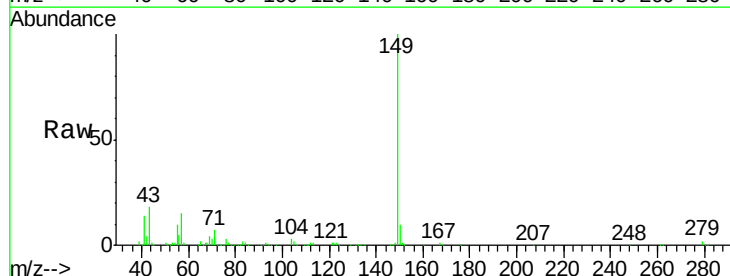
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

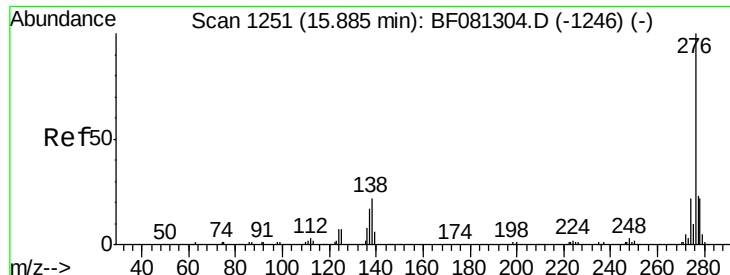
Tgt Ion:149 Resp: 298139
 Ion Ratio Lower Upper
 149 100
 167 25.5 24.2 36.2
 279 2.7 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 42.92 ng
 RT: 24.13 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion:149 Resp: 442609
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 15.1 10.2 15.2

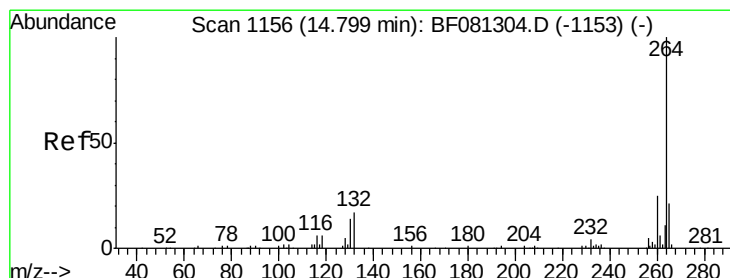
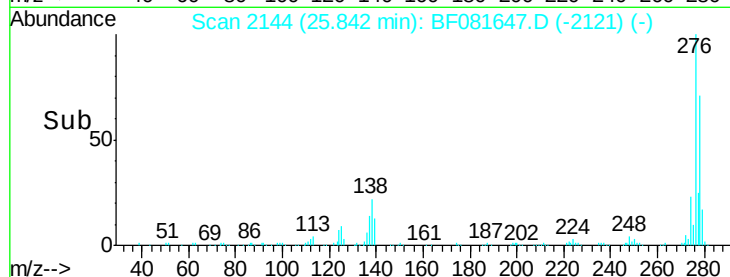
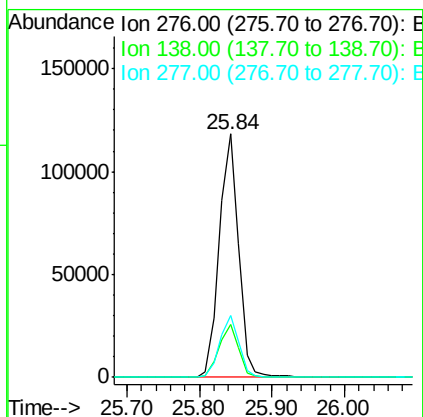
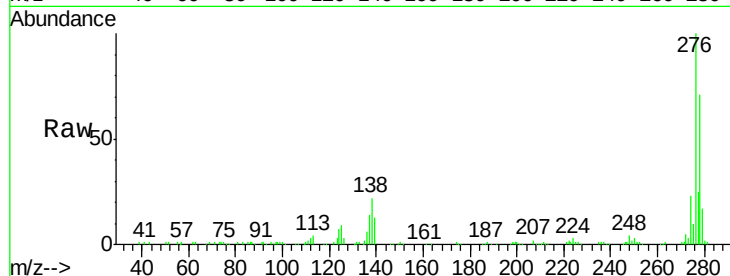




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.60 ng
 RT: 25.84 min Scan# 2144
 Delta R.T. -0.03 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

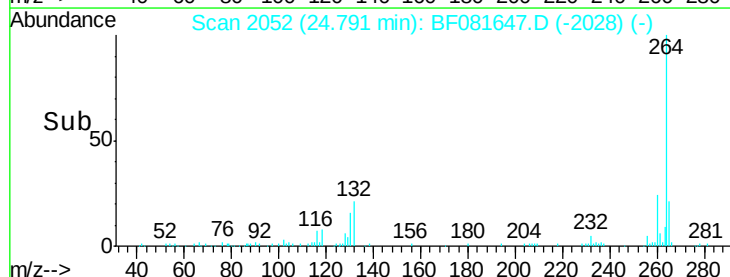
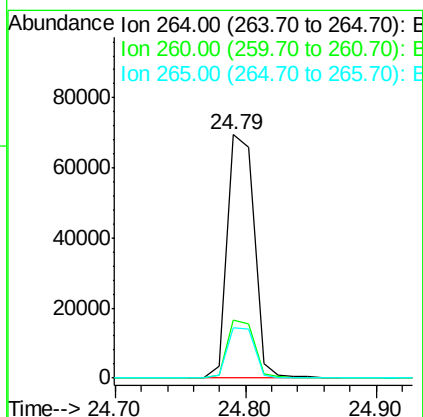
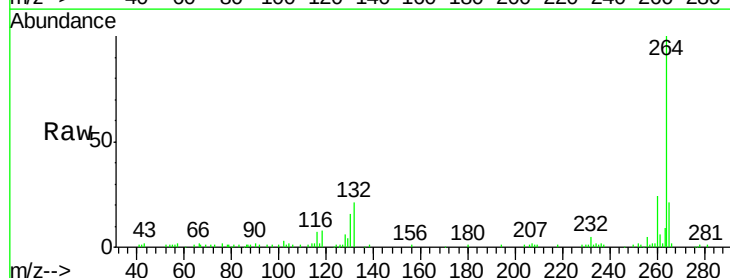
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BS

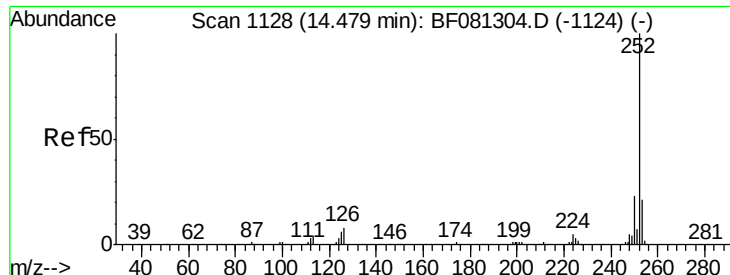
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	25.7	38.5#
277	24.9	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BF081647.D
 Acq: 16 Sep 2015 13:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	20.6	17.2	25.8

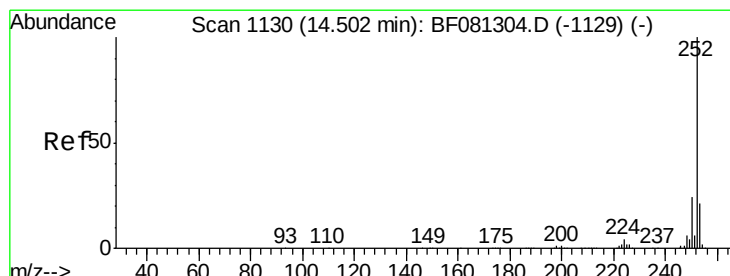
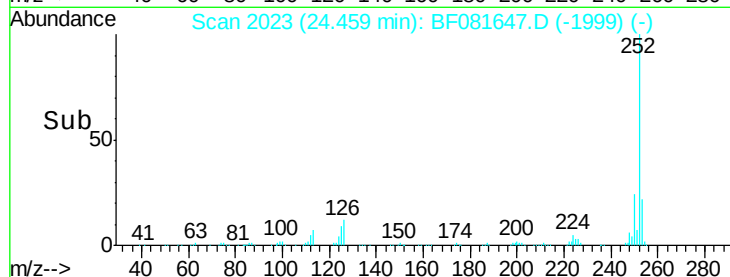
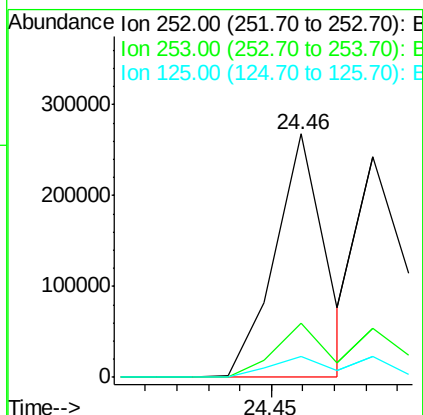
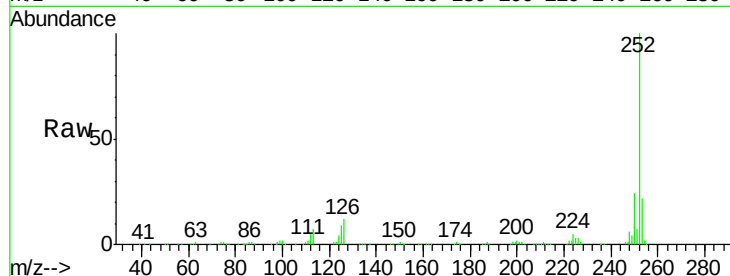




#87
Benzo(b)fluoranthene
Concen: 41.42 ng m
RT: 24.46 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

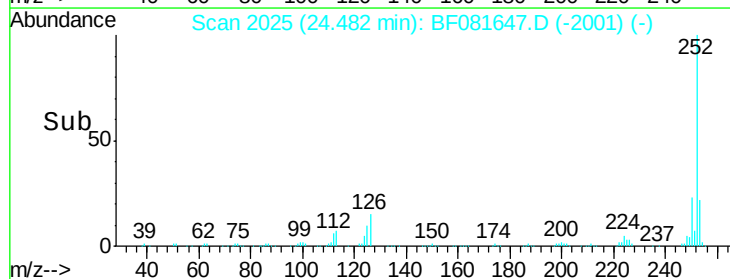
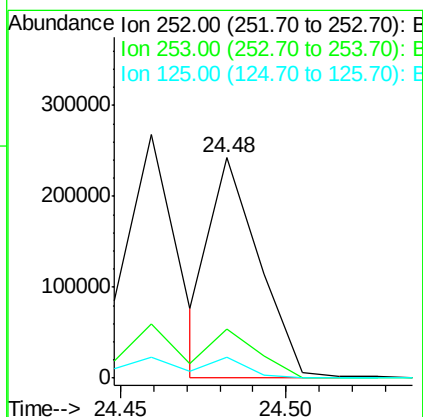
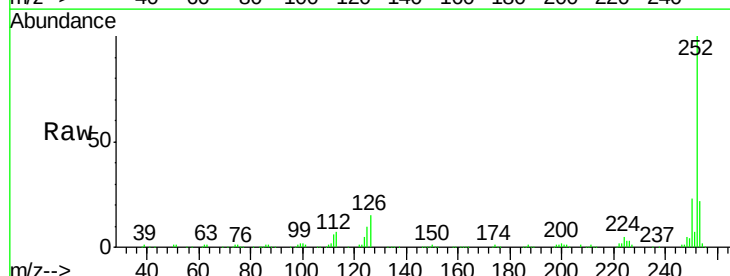
Instrument :
BNA_F
ClientSampleId :
PB85464BS

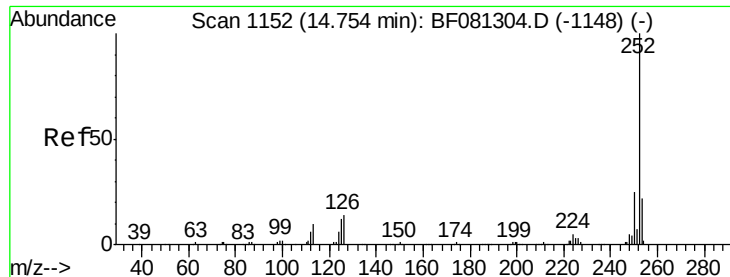
Tgt Ion: 252 Resp: 293673
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 8.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 42.38 ng m
RT: 24.48 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion: 252 Resp: 249303
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 9.6 16.0 24.0#

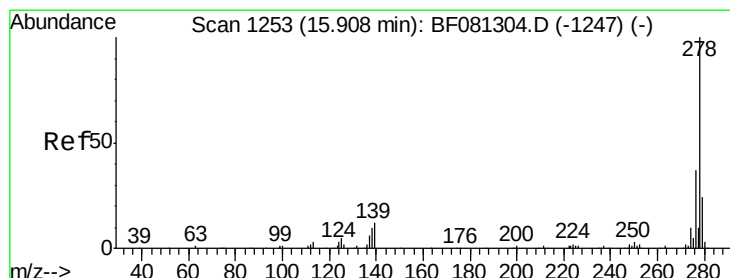
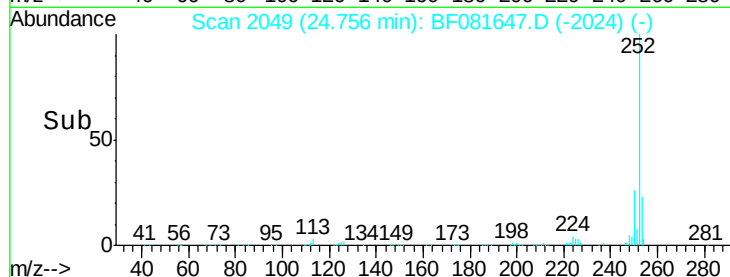
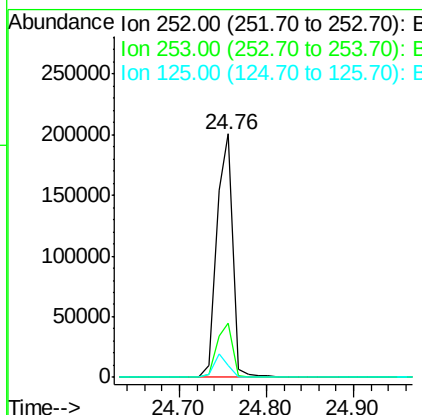
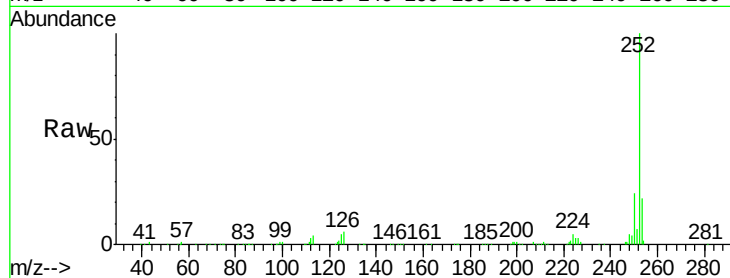




#89
Benzo(a)pyrene
Concen: 43.28 ng
RT: 24.76 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

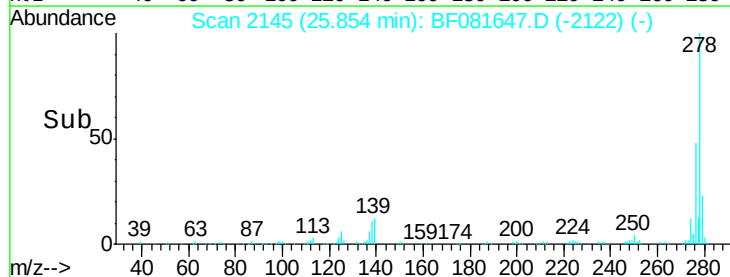
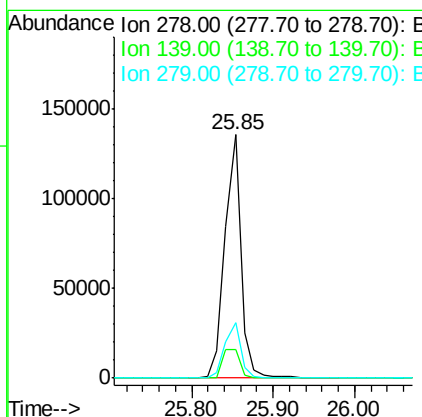
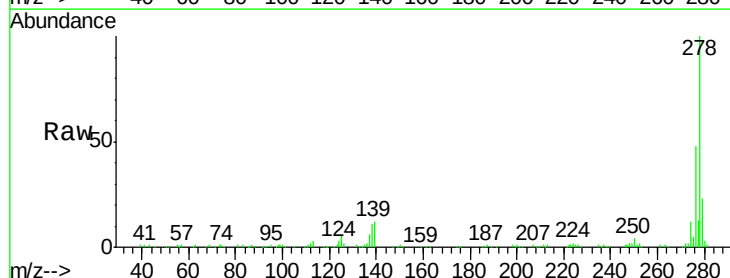
Instrument :
BNA_F
ClientSampled :
PB85464BS

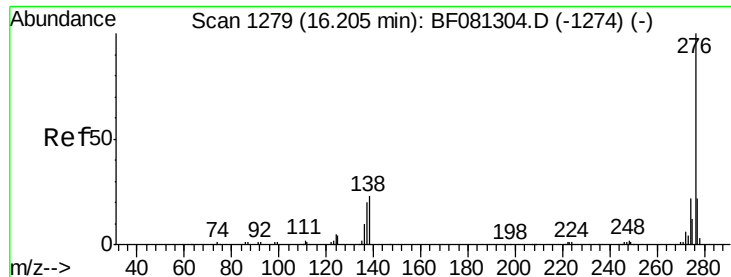
Tgt Ion: 252 Resp: 259999
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 4.8 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 40.29 ng
RT: 25.85 min Scan# 2145
Delta R.T. -0.03 min
Lab File: BF081647.D
Acq: 16 Sep 2015 13:43

Tgt Ion: 278 Resp: 187034
Ion Ratio Lower Upper
278 100
139 11.7 26.3 39.5#
279 23.0 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 40.95 ng

RT: 26.14 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF081647.D

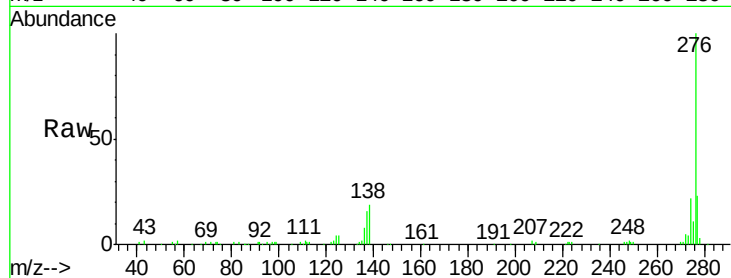
Acq: 16 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85464BS



Tgt Ion:	276	Resp:	181421
Ion Ratio		Lower	Upper
276	100		
277	23.1	17.8	26.6
138	18.7	34.6	51.8#

