

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082102.D
 Acq On : 7 Oct 2015 12:27
 Operator : UM/IZ
 Sample : PB85943BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Quant Time: Oct 08 02:49:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	80503	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	311792	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	160768	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	328341	20.00	ng	0.00
75) Chrysene-d12	14.06	240	294441	20.00	ng	0.00
86) Perylene-d12	15.50	264	226378	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	484881	109.34	ng	0.01
7) Phenol-d6	6.51	99	686964	123.11	ng	0.01
23) Nitrobenzene-d5	7.44	82	405273	86.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	203781	125.16	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	874755	92.66	ng	0.00
78) Terphenyl-d14	13.00	244	941425	113.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	60754	31.50	ng	91
3) Pyridine	3.26	79	177141	35.28	ng	85
4) n-Nitrosodimethylamine	3.22	42	72676	31.87	ng	92
6) Aniline	6.54	93	196717	26.24	ng	# 88
8) 2-Chlorophenol	6.66	128	198252	40.48	ng	96
9) Benzaldehyde	6.42	77	32711	8.95	ng	# 85
10) Phenol	6.53	94	264039	42.18	ng	74
11) bis(2-Chloroethyl)ether	6.62	93	211479	43.56	ng	89
12) 1,3-Dichlorobenzene	6.81	146	220621	38.14	ng	# 94
13) 1,4-Dichlorobenzene	6.89	146	234685	38.85	ng	# 93
14) 1,2-Dichlorobenzene	6.89	146	237734	44.17	ng	95
15) Benzyl Alcohol	7.02	79	153351	38.07	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.15	45	265734	38.72	ng	81
17) 2-Methylphenol	7.13	107	157254	39.61	ng	# 84
18) Hexachloroethane	7.38	117	75815	40.09	ng	# 87
19) n-Nitroso-di-n-propylamine	7.29	70	134315	39.60	ng	# 78
20) 3+4-Methylphenols	7.29	107	203796	40.64	ng	# 60
22) Acetophenone	7.29	105	268079	42.05	ng	# 80
24) Nitrobenzene	7.46	77	204270	40.22	ng	# 70
25) Isophorone	7.70	82	386404	41.68	ng	# 91
26) 2-Nitrophenol	7.78	139	113947	46.74	ng	# 80
27) 2,4-Dimethylphenol	7.82	122	187679	43.76	ng	# 80
28) bis(2-Chloroethoxy)methane	7.92	93	224397	40.76	ng	# 94
29) 2,4-Dichlorophenol	8.02	162	190754	45.87	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	193745	41.73	ng	98
31) Naphthalene	8.18	128	569953	41.25	ng	98
32) Benzoic acid	7.93	122	88538	36.57	ng	# 65
33) 4-Chloroaniline	8.24	127	118843	19.89	ng	# 94
34) Hexachlorobutadiene	8.30	225	112725	41.05	ng	98
35) Caprolactam	8.61	113	33143	28.79	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	182070	44.77	ng	83
37) 2-Methylnaphthalene	8.88	142	412325	43.72	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	189124	38.32	ng	99
40) Hexachlorocyclopentadiene	9.03	237	203030	79.88	ng	95

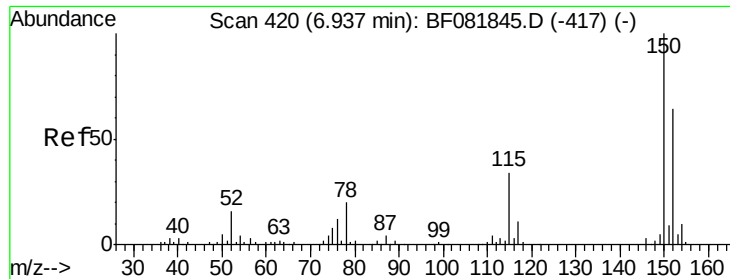
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082102.D
 Acq On : 7 Oct 2015 12:27
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 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	130645	38.61	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	154852	44.50	nq	97
45) 1,1'-Biphenyl	9.34	154	488914	39.42	nq	95
46) 2-Chloronaphthalene	9.37	162	401552	41.23	nq	99
47) 2-Nitroaniline	9.46	65	117587	41.13	nq	# 66
48) Acenaphthylene	9.78	152	639055	41.00	nq	97
49) Dimethylphthalate	9.65	163	475646	42.86	nq	# 98
50) 2,6-Dinitrotoluene	9.71	165	108825	45.17	nq	93
51) Acenaphthene	9.95	154	367644	39.72	nq	88
52) 3-Nitroaniline	9.89	138	72230	25.91	nq	# 87
53) 2,4-Dinitrophenol	9.99	184	98978	82.51	nq	# 72
54) Dibenzofuran	10.13	168	552572	42.24	nq	# 88
55) 4-Nitrophenol	10.05	139	155813	77.36	nq	# 52
56) 2,4-Dinitrotoluene	10.11	165	143302	46.66	nq	# 82
57) Fluorene	10.47	166	441703	47.32	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.24	232	124986	45.28	nq	96
59) Diethylphthalate	10.34	149	450554	43.47	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	200523	41.87	nq	# 78
61) 4-Nitroaniline	10.50	138	121933	43.63	nq	# 62
62) Azobenzene	10.62	77	448103	44.30	nq	87
64) 4,6-Dinitro-2-methylphenol	10.53	198	74443	49.58	nq	# 62
65) n-Nitrosodiphenylamine	10.58	169	392633	39.52	nq	92
66) 4-Bromophenyl-phenylether	10.95	248	138826	41.93	nq	# 89
67) Hexachlorobenzene	11.02	284	150657	40.32	nq	# 80
68) Atrazine	11.11	200	126375	41.00	nq	83
69) Pentachlorophenol	11.21	266	162402	76.29	nq	99
70) Phenanthrene	11.43	178	679213	42.91	nq	97
71) Anthracene	11.49	178	757054	45.36	nq	97
72) Carbazole	11.65	167	692340	45.84	nq	96
73) Di-n-butylphthalate	11.97	149	725283	47.21	nq	# 98
74) Fluoranthene	12.62	202	750374	42.66	nq	92
76) Benzidine	12.76	184	348249	39.25	nq	97
77) Pyrene	12.85	202	786286	44.70	nq	96
79) Butylbenzylphthalate	13.48	149	334355	50.51	nq	# 85
80) Benzo(a)anthracene	14.05	228	680966	42.95	nq	97
81) 3,3'-Dichlorobenzidine	14.00	252	131998	24.65	nq	# 95
82) Chrysene	14.08	228	721451	Below	Cal	95
83) Bis(2-ethylhexyl)phthalate	14.02	149	429084	51.68	nq	# 92
84) Di-n-octyl phthalate	14.64	149	682104	50.48	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.93	276	511486	41.24	nq	# 87
87) Benzo(b)fluoranthene	15.08	252	636403	49.24	nq	# 88
88) Benzo(k)fluoranthene	15.08	252	636403	53.72	nq	# 89
89) Benzo(a)pyrene	15.44	252	517108	46.12	nq	# 85
90) Dibenzo(a,h)anthracene	16.95	278	426163	45.31	nq	# 80
91) Benzo(g,h,i)perylene	17.36	276	429932	44.60	nq	# 78

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

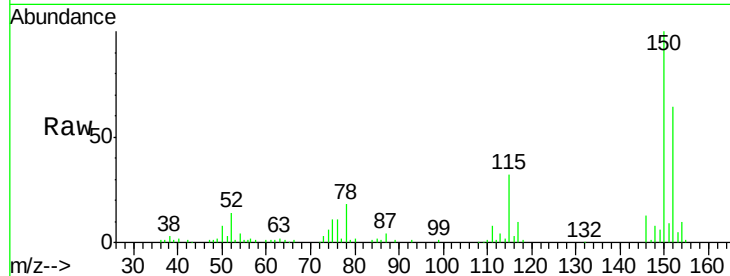


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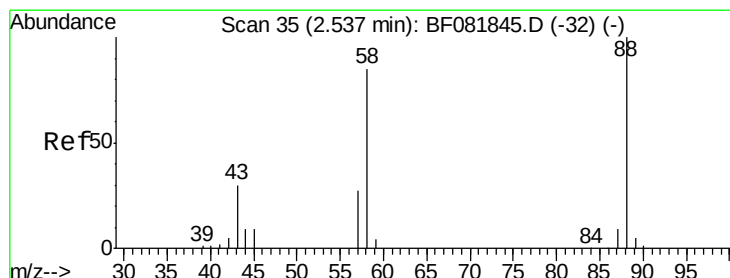
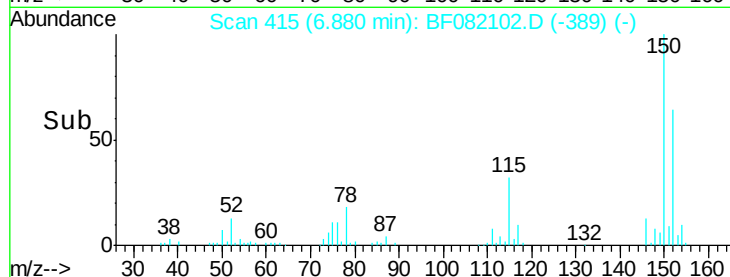
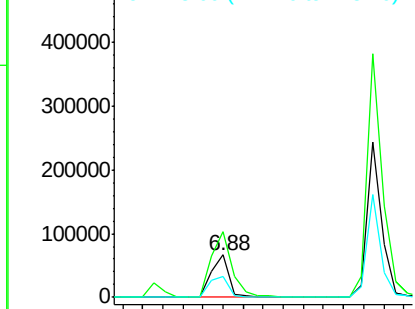
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Instrument :
BNA_F
ClientSampleId :
PB85943BS

Tot Ion:152 Resp: 80503
Ion Ratio Lower Upper
152 100
150 156.6 124.7 187.1
115 49.7 39.0 58.4



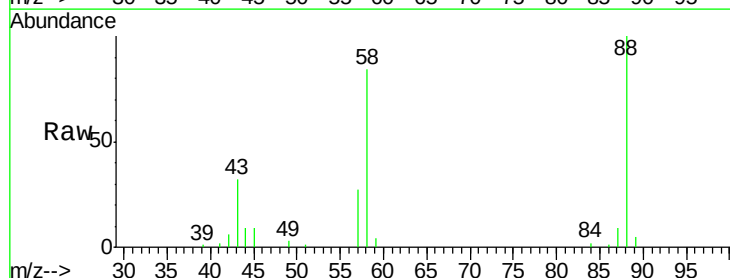
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



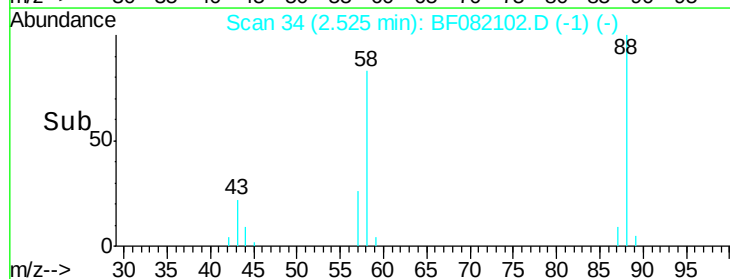
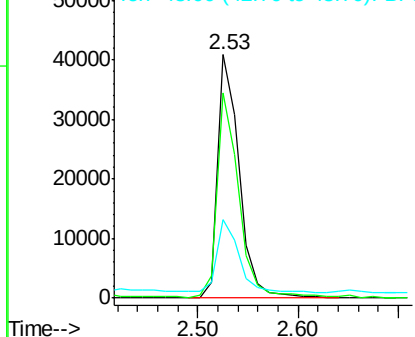
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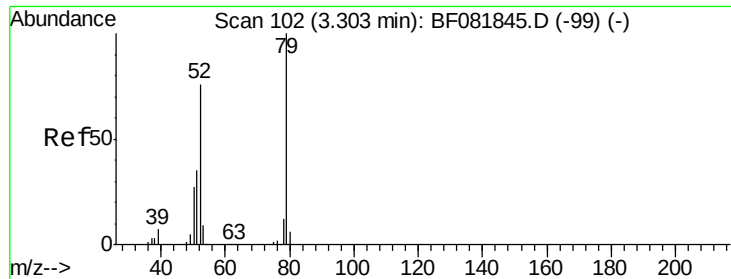
1,4-Dioxane
Concen: 31.50 ng
RT: 2.53 min Scan# 34
Delta R.T. 0.08 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion: 88 Resp: 60754
Ion Ratio Lower Upper
88 100
58 86.5 77.7 116.5
43 30.8 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.28 ng

RT: 3.26 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

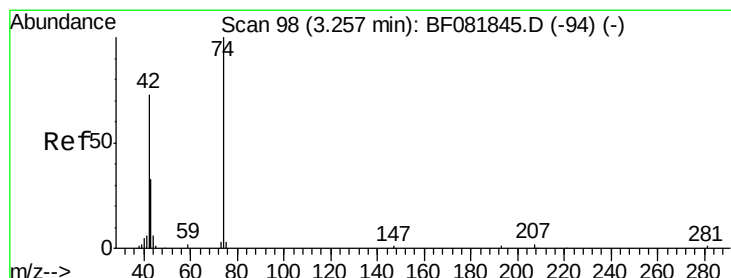
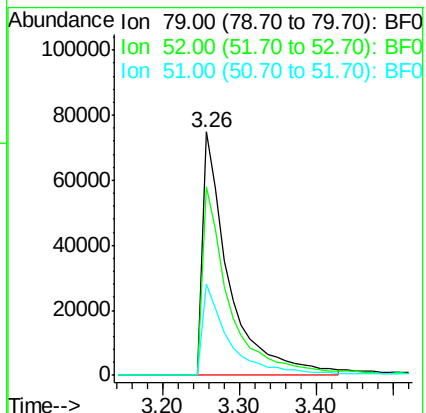
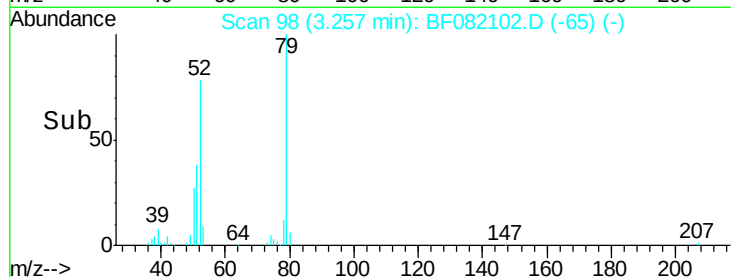
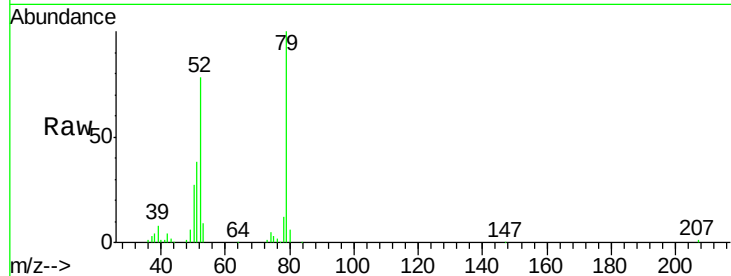
Tot Ion: 79 Resp: 177141

Ion Ratio Lower Upper

79 100

52 77.6 76.8 115.2

51 37.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 31.87 ng

RT: 3.22 min Scan# 95

Delta R.T. 0.08 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

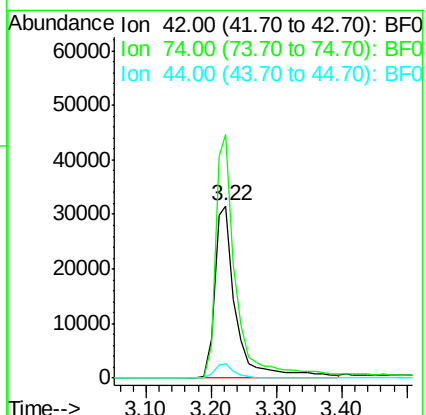
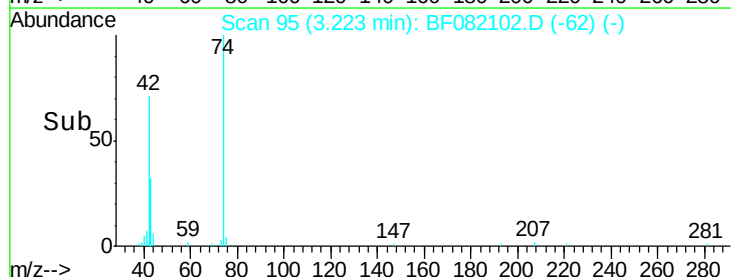
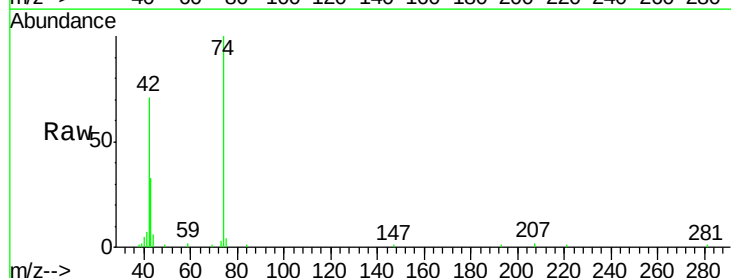
Tgt Ion: 42 Resp: 72676

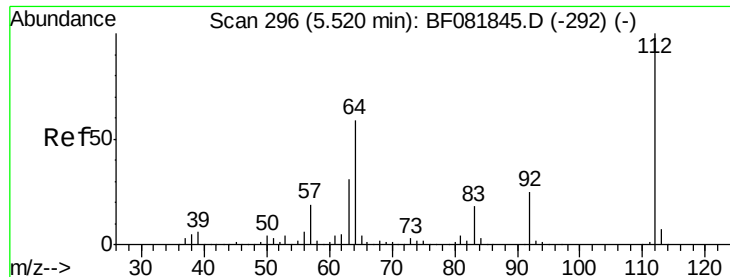
Ion Ratio Lower Upper

42 100

74 141.3 105.0 157.6

44 8.2 6.6 10.0





#5

2-Fluorophenol

Concen: 109.34 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

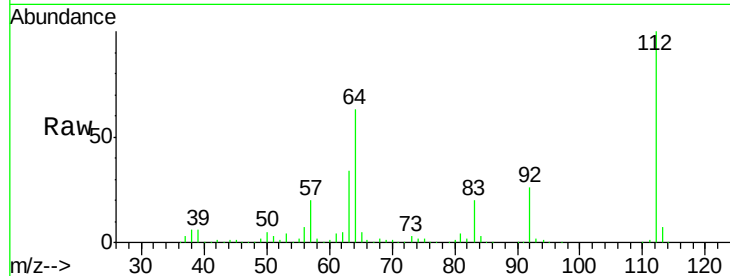
Tot Ion:112 Resp: 484881

Ion Ratio Lower Upper

112 100

64 63.3 39.7 59.5#

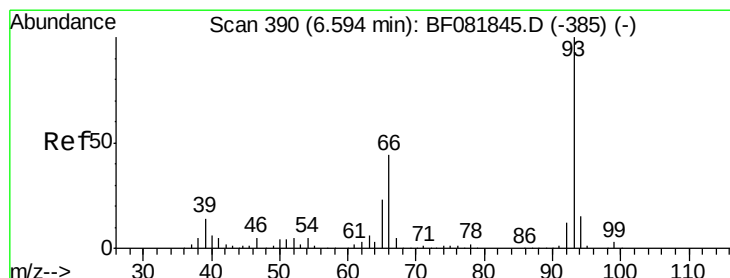
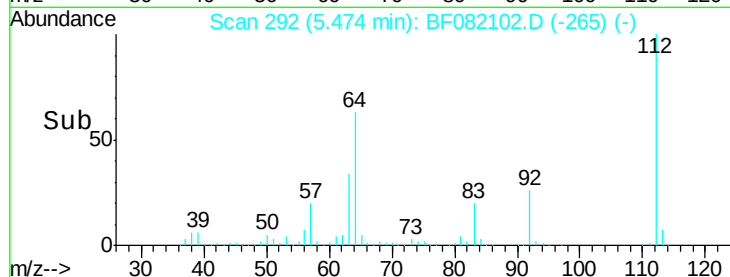
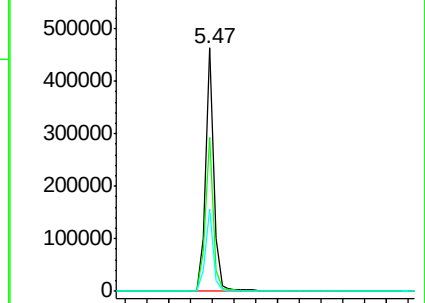
63 33.6 17.4 26.0#



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: 26.24 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

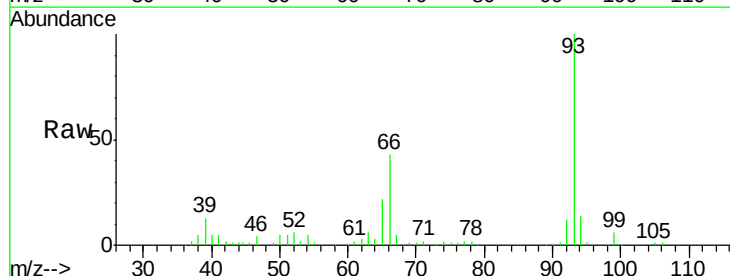
Tgt Ion: 93 Resp: 196717

Ion Ratio Lower Upper

93 100

66 42.7 27.2 40.8#

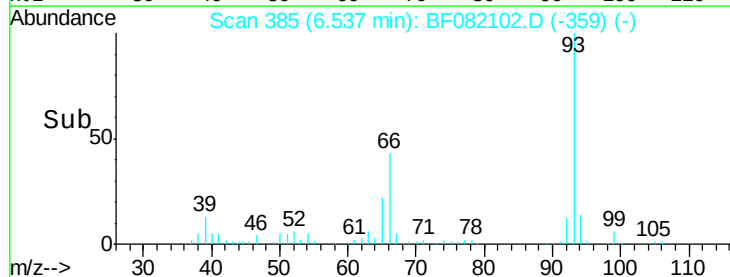
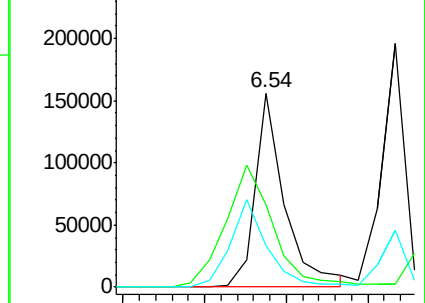
65 21.6 14.7 22.1

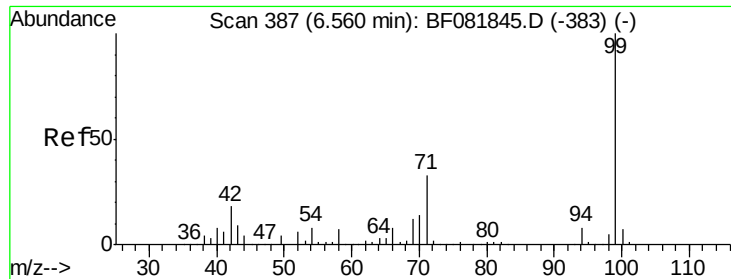


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.11 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

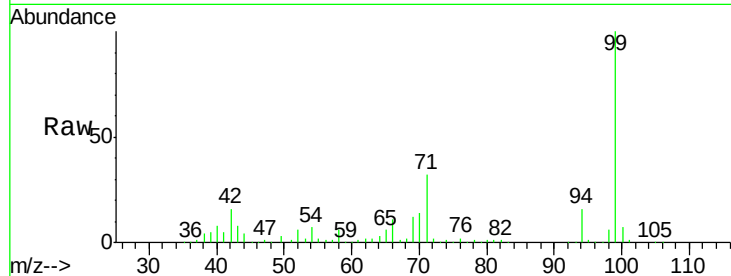
Tot Ion: 99 Resp: 686964

Ion Ratio Lower Upper

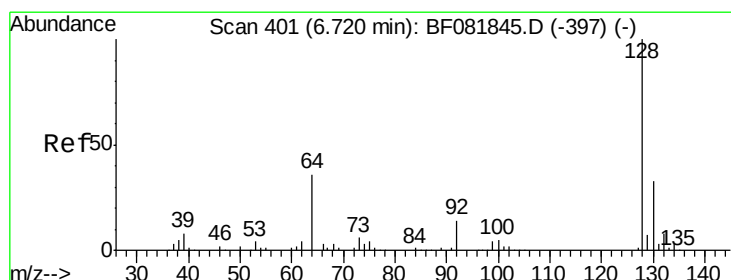
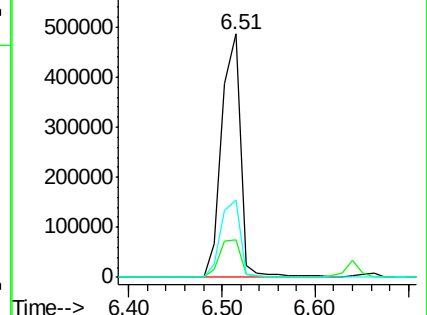
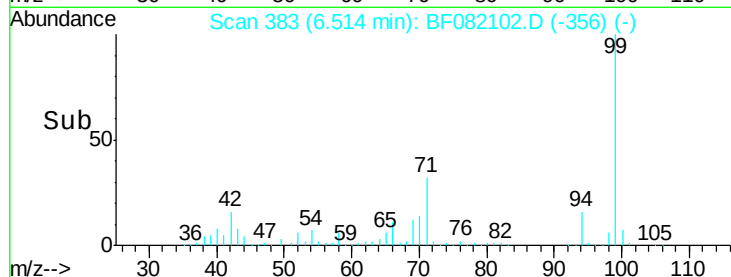
99 100

42 15.6 13.7 20.5

71 31.7 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: 40.48 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

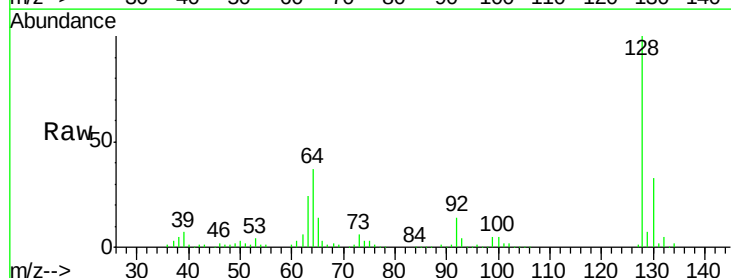
Tgt Ion:128 Resp: 198252

Ion Ratio Lower Upper

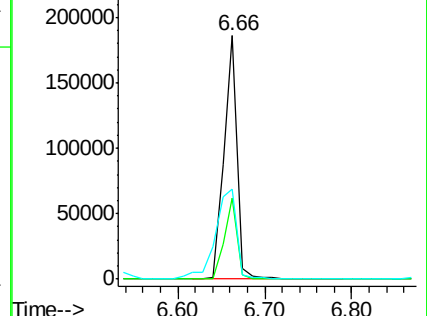
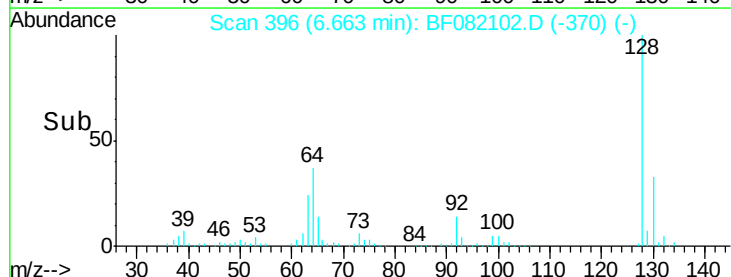
128 100

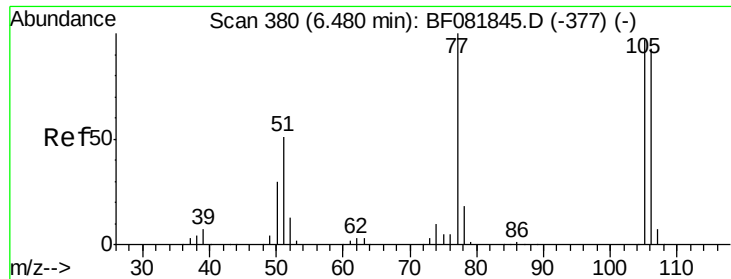
130 33.1 12.2 52.2

64 36.9 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: 8.95 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

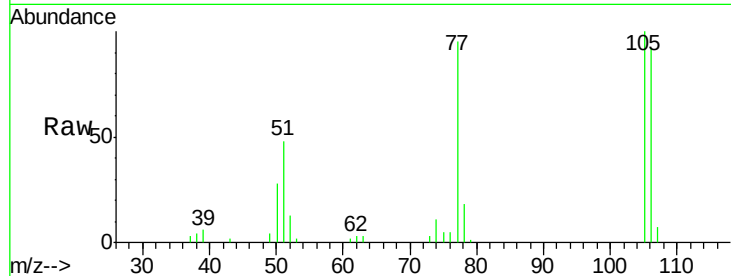
Tot Ion: 77 Resp: 32711

Ion Ratio Lower Upper

77 100

105 104.7 91.6 131.6

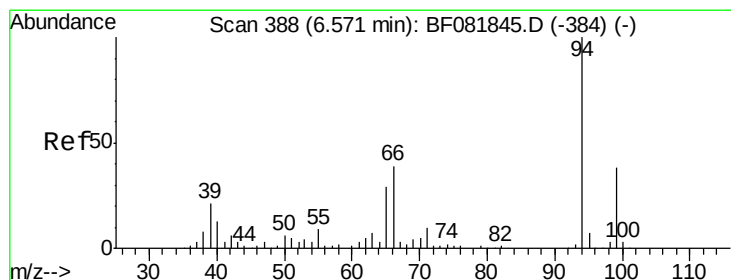
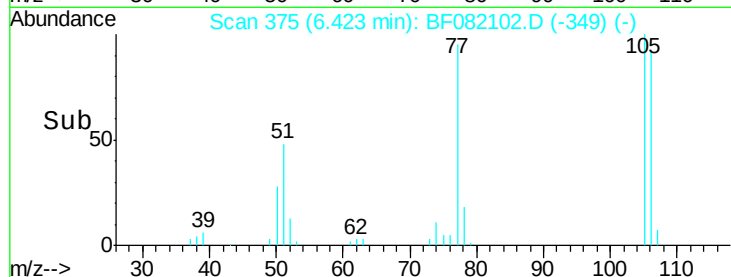
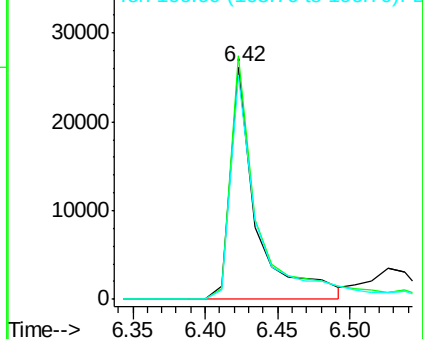
106 96.7 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.18 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

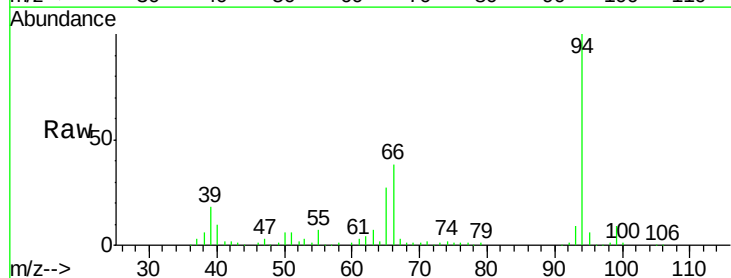
Tgt Ion: 94 Resp: 264039

Ion Ratio Lower Upper

94 100

65 27.3 0.7 40.7

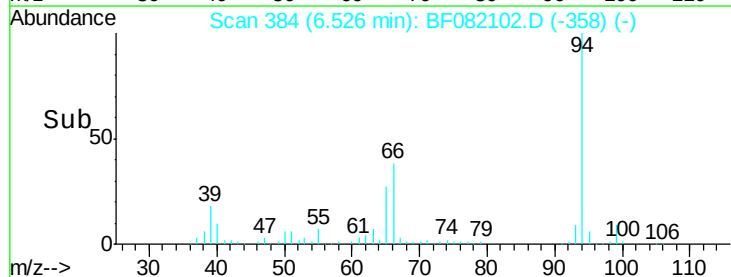
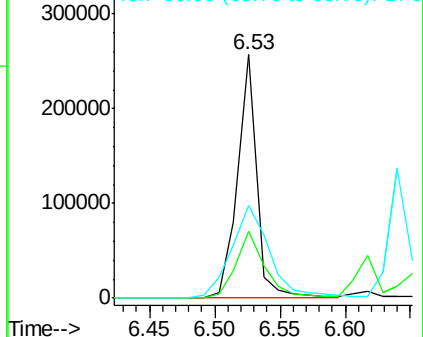
66 38.1 0.8 40.8

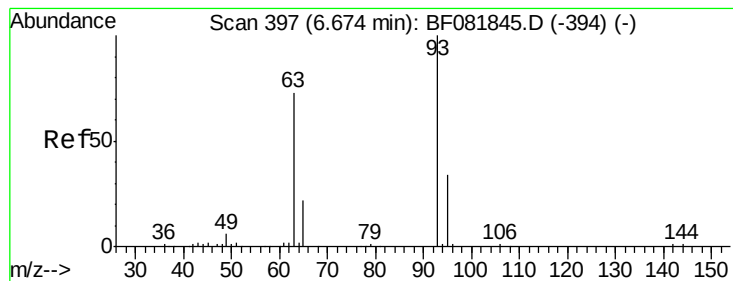


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

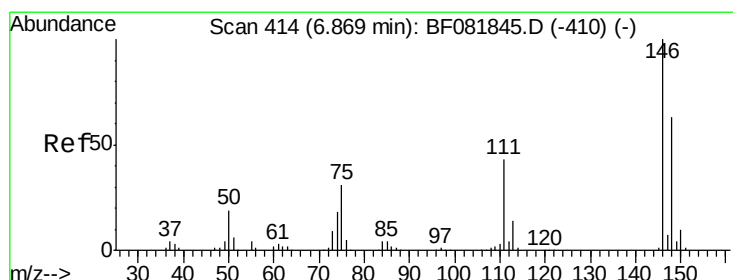
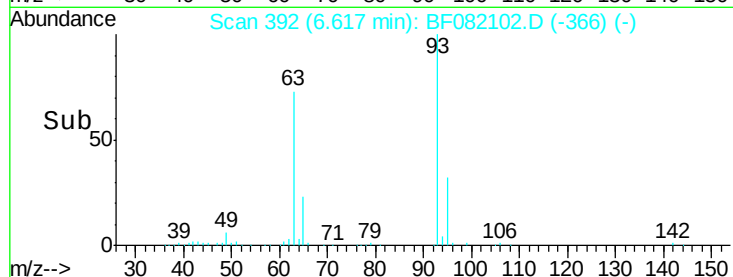
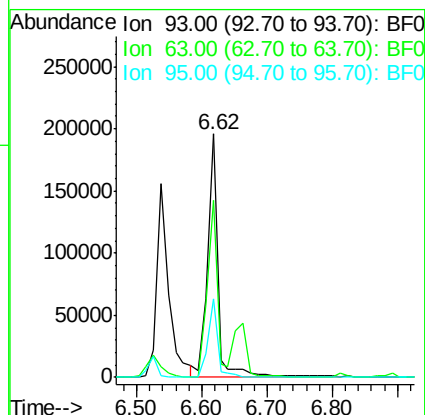
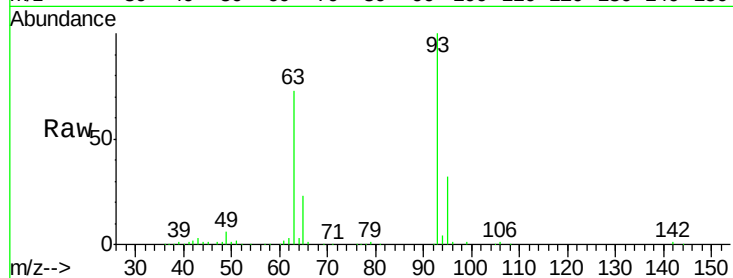




#11
bis(2-Chloroethyl)ether
Concen: 43.56 ng
RT: 6.62 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

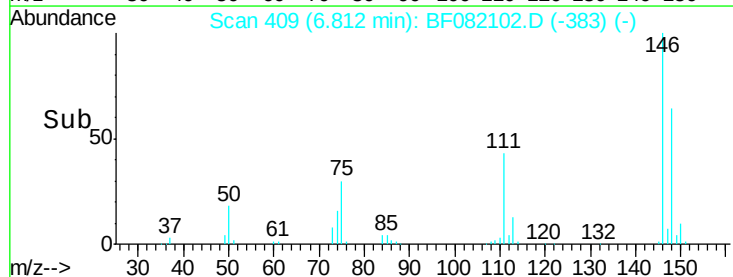
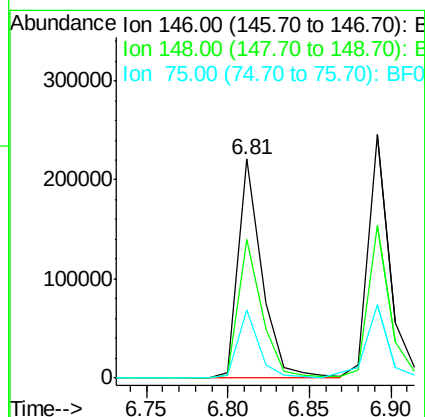
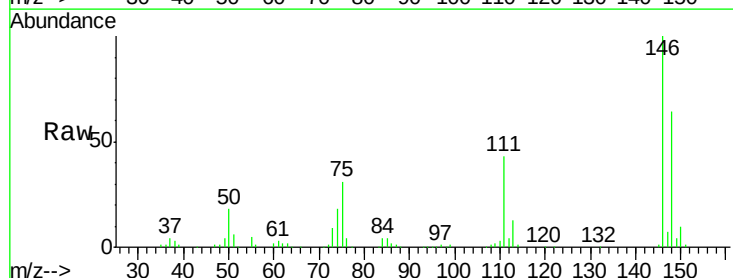
Instrument :
BNA_F
ClientSampleId :
PB85943BS

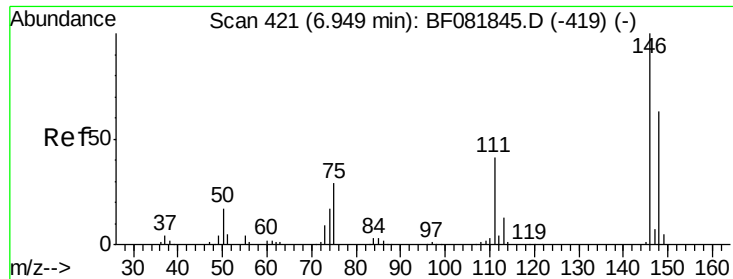
Tot Ion: 93 Resp: 211479
Ion Ratio Lower Upper
93 100
63 72.8 65.6 105.6
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.14 ng
RT: 6.81 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion: 146 Resp: 220621
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.0 15.0 22.6#

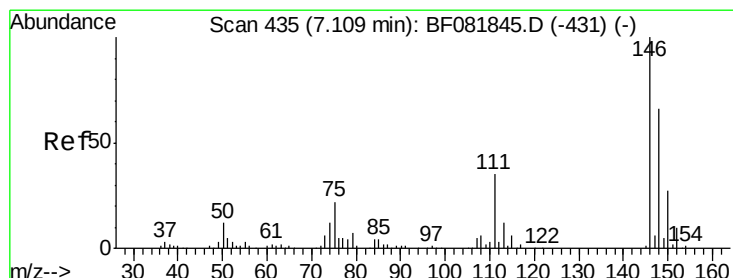
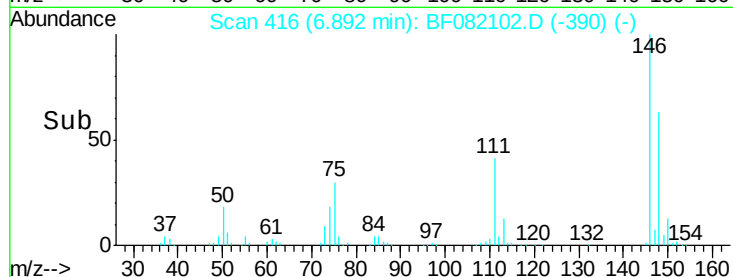
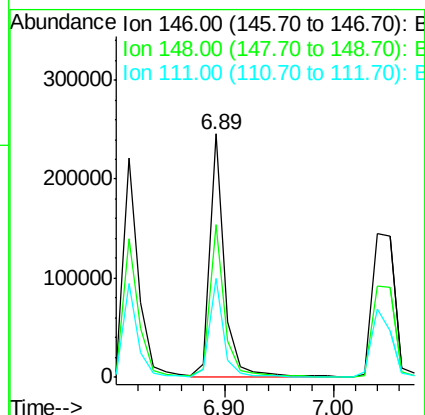
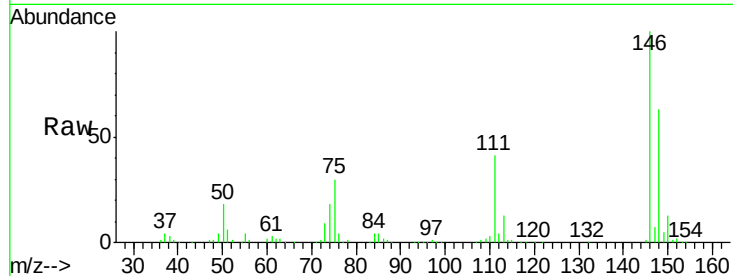




#13
 1,4-Dichlorobenzene
 Concen: 38.85 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

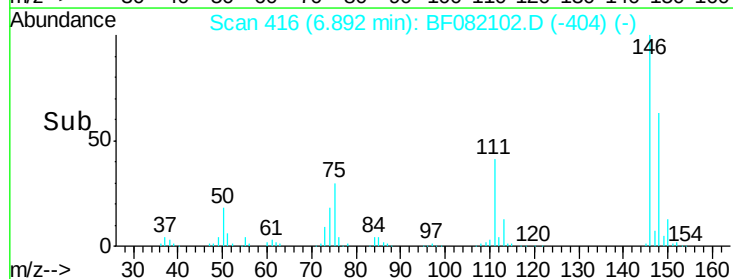
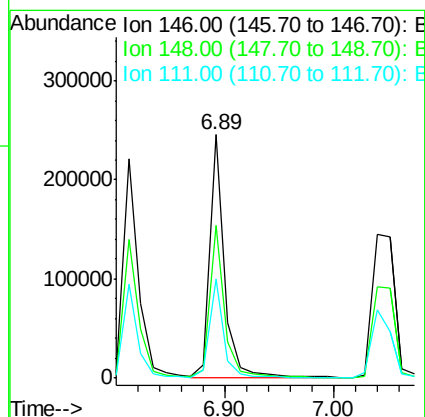
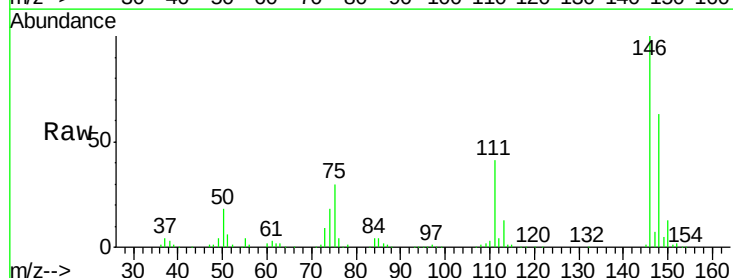
Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

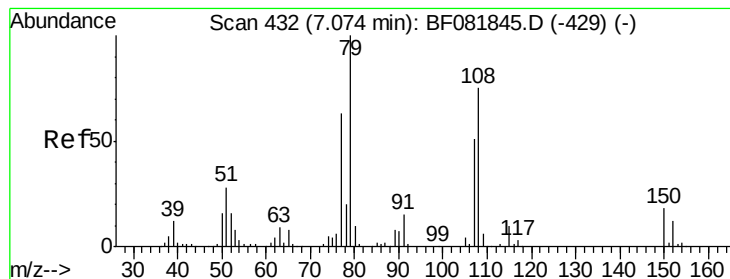
Tot Ion:146 Resp: 234685
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.8 77.6
 111 40.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 44.17 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.16 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion:146 Resp: 237734
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.7 79.1
 111 40.5 28.8 43.2





#15

Benzyl Alcohol

Concen: 38.07 ng

RT: 7.02 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

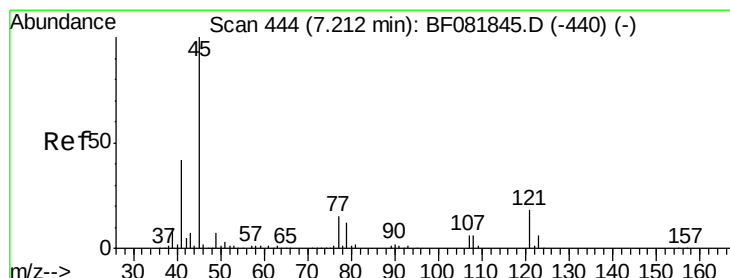
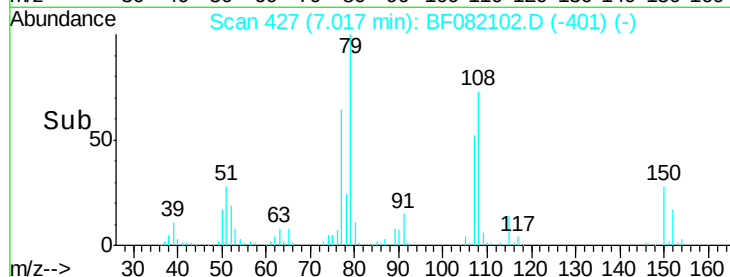
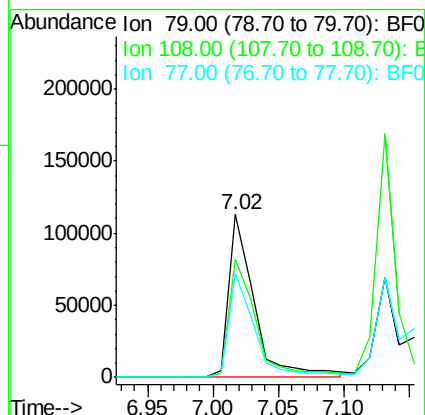
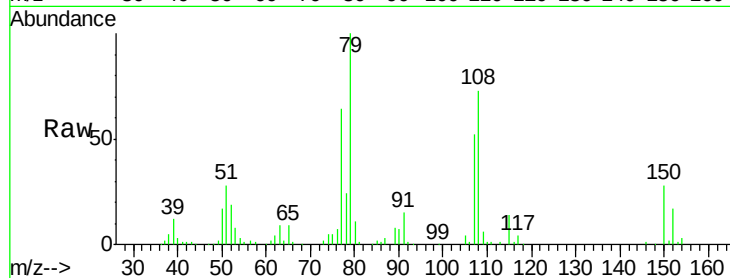
Tot Ion: 79 Resp: 153351

Ion Ratio Lower Upper

79 100

108 73.0 88.6 132.8#

77 63.9 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.72 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

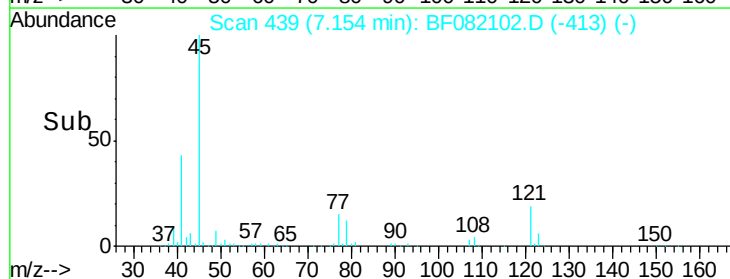
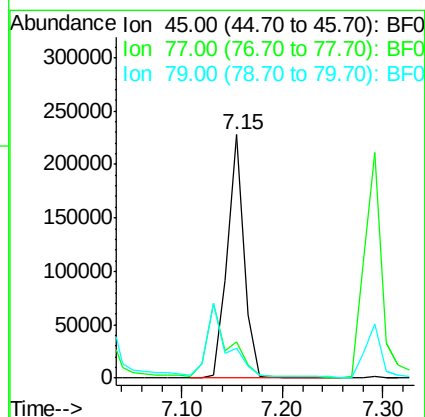
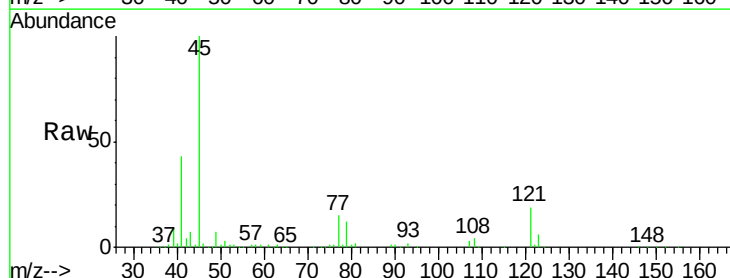
Tgt Ion: 45 Resp: 265734

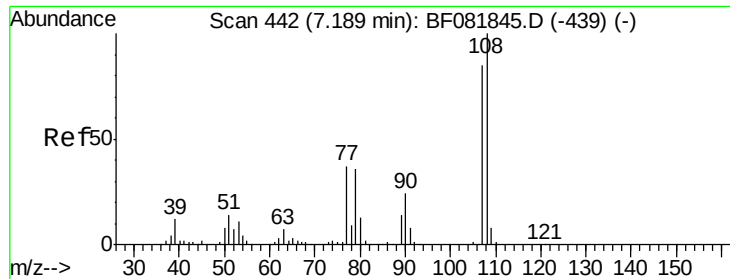
Ion Ratio Lower Upper

45 100

77 14.8 0.0 28.1

79 12.1 0.0 26.0





#17

2-Methylphenol

Concen: 39.61 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

Tot Ion:107 Resp: 157254

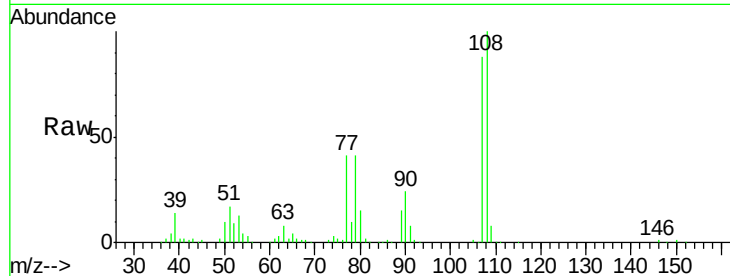
Ion Ratio Lower Upper

107 100

108 113.7 96.6 145.0

77 46.8 23.3 34.9#

79 46.8 22.0 33.0#

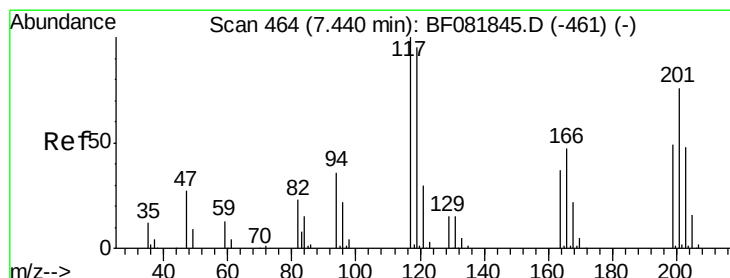
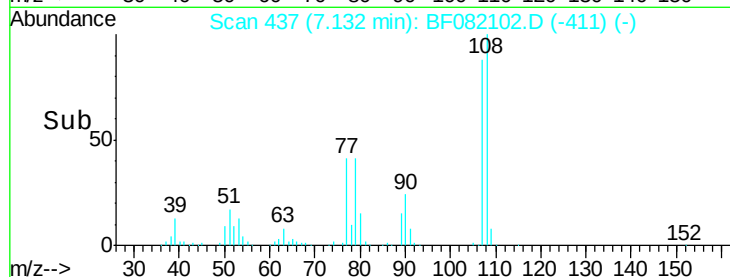
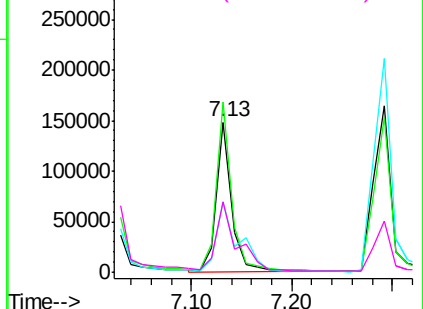


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.09 ng

RT: 7.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

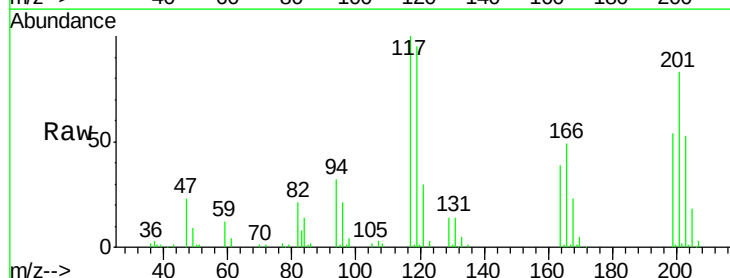
Tgt Ion:117 Resp: 75815

Ion Ratio Lower Upper

117 100

119 95.1 83.8 125.6

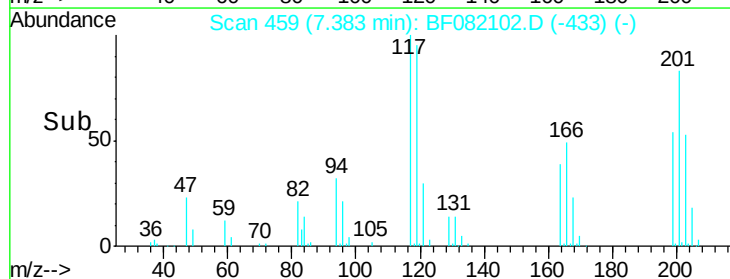
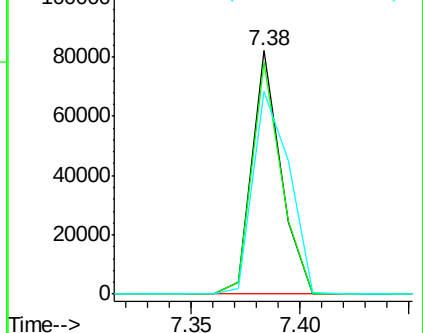
201 83.0 55.1 82.7#

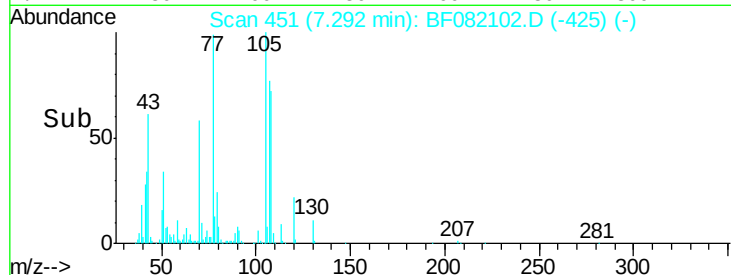
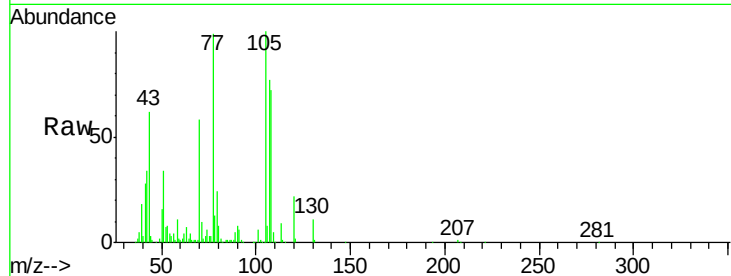
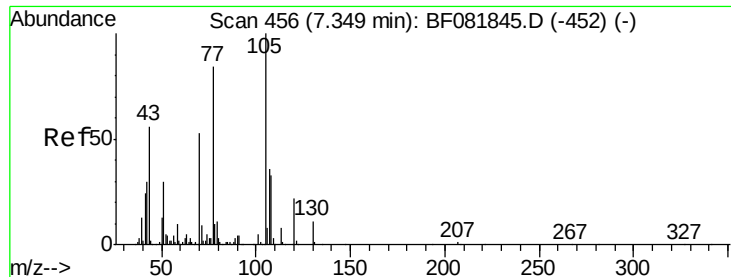


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

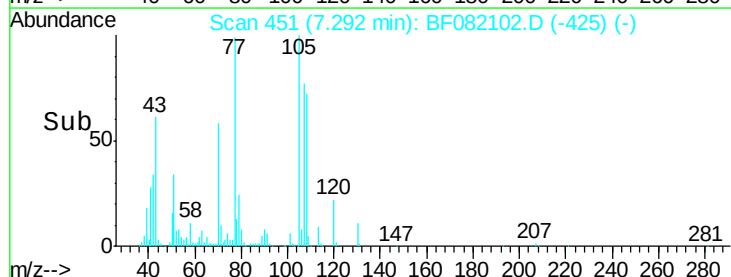
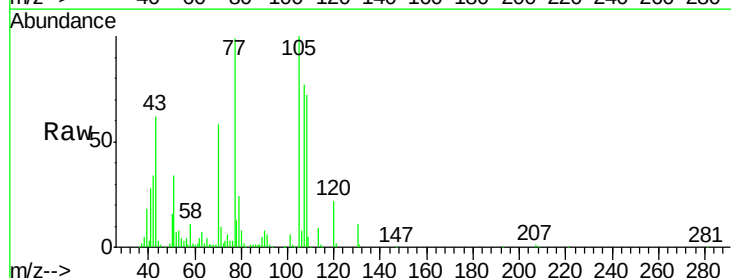
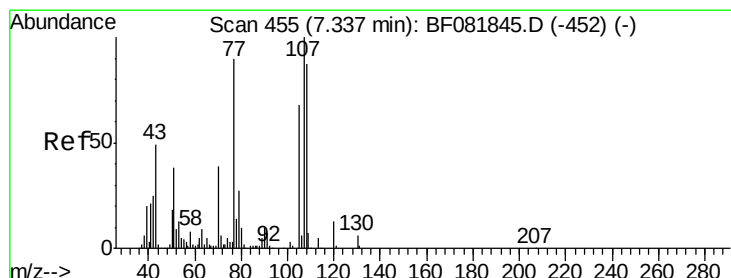
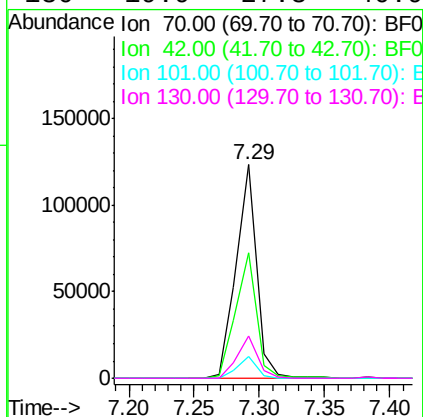




#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

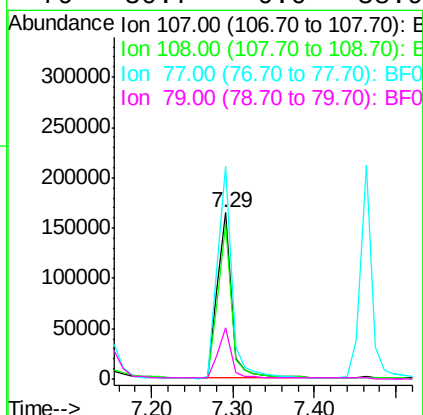
Instrument :
BNA_F
ClientSampleId :
PB85943BS

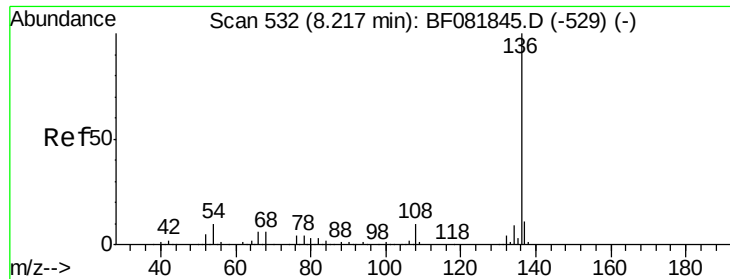
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.6	63.8	95.6#
101	10.0	9.2	13.8
130	19.9	27.3	40.9#



#20
3+4-Methylphenols
Concen: 40.64 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	74.6	114.6
77	128.0	0.7	40.7#
79	30.7	0.0	38.9

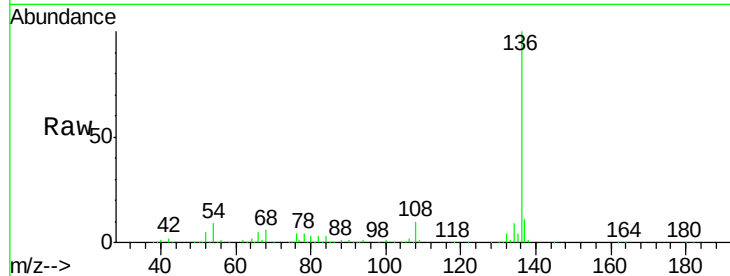




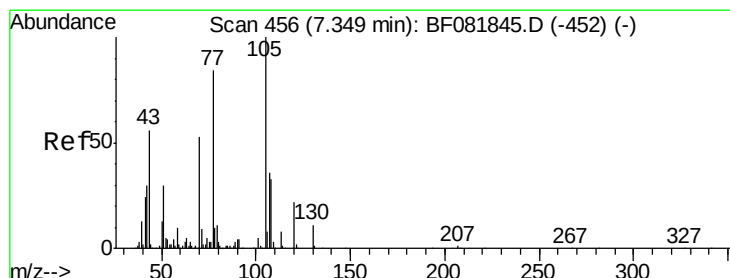
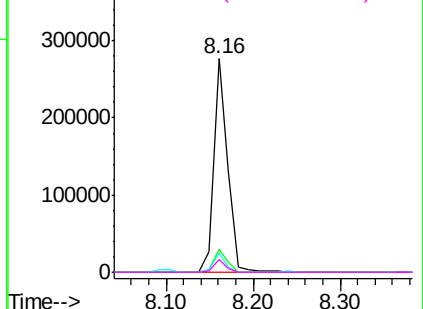
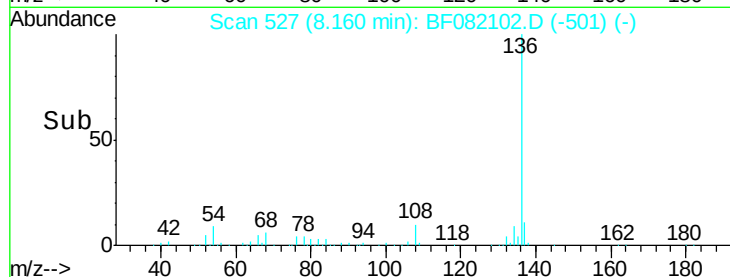
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Instrument :
BNA_F
ClientSampleId :
PB85943BS

Tot Ion:136	Resp:	311792
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	9.3	8.2 12.2
68	5.8	5.8 8.6

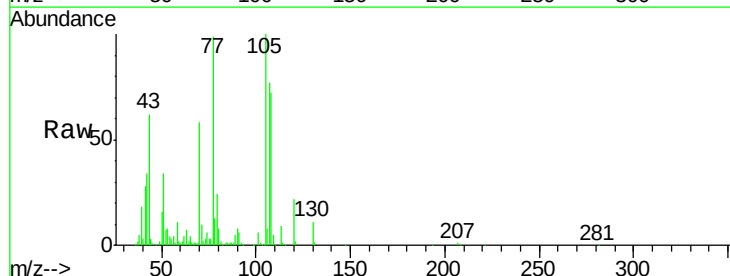


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

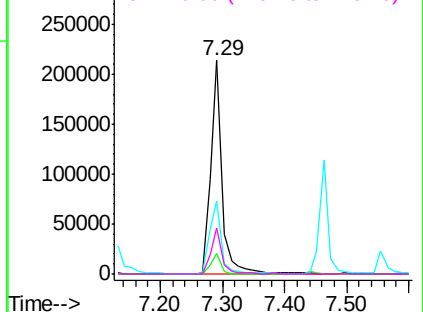
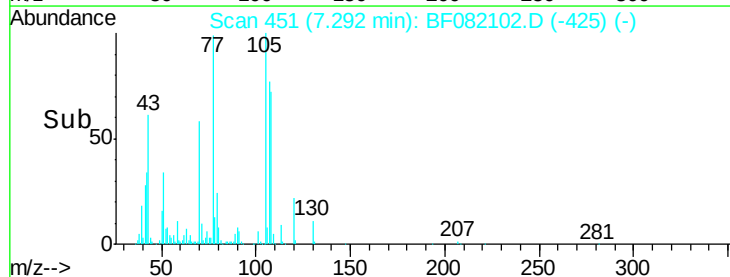


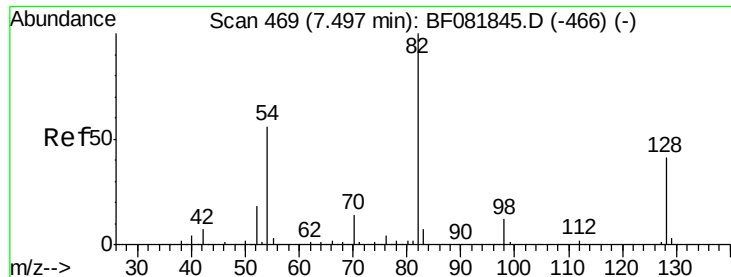
#22
Acetophenone
Concen: 42.05 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion:105	Resp:	268079
Ion Ratio	Lower	Upper
105	100	
71	9.5	4.7 7.1#
51	34.1	22.0 33.0#
120	21.6	30.1 45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

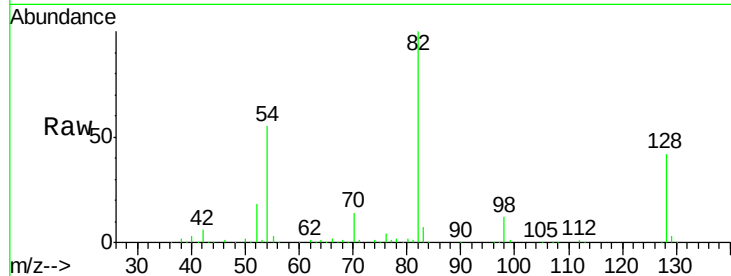




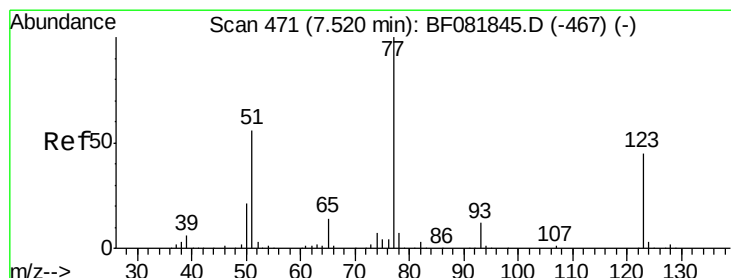
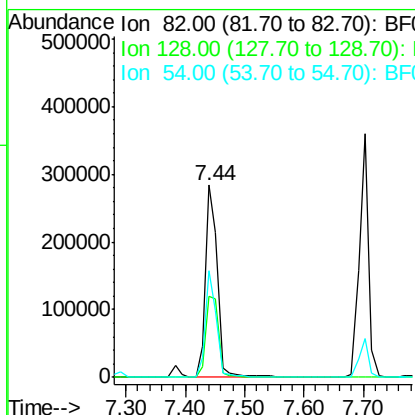
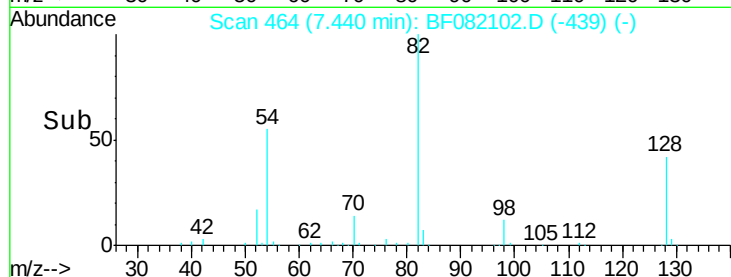
#23
 Nitrobenzene-d5
 Concen: 86.65 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Tot Ion: 82 Resp: 405273
 Ion Ratio Lower Upper
 82 100
 128 42.2 51.0 76.6#
 54 55.3 47.5 71.3

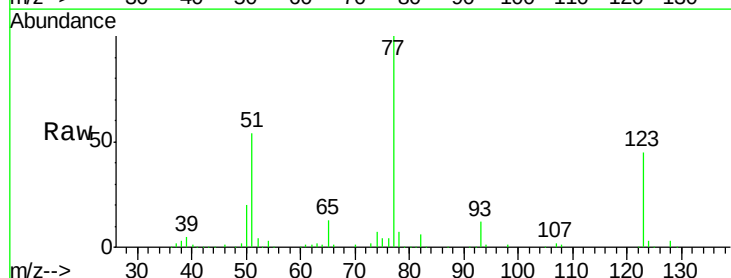


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

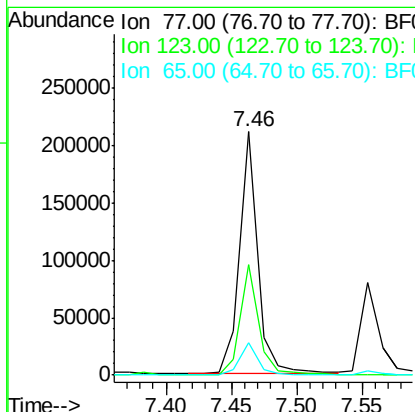
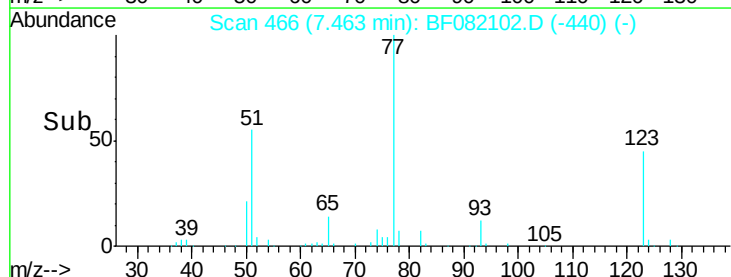


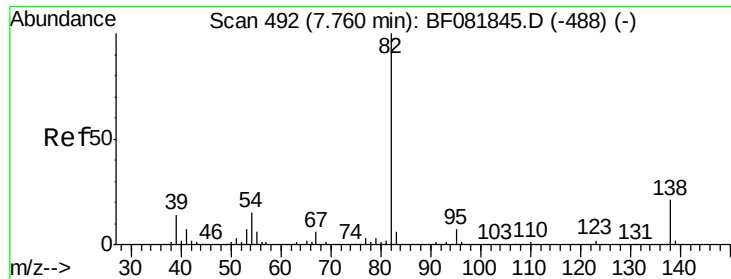
#24
 Nitrobenzene
 Concen: 40.22 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion: 77 Resp: 204270
 Ion Ratio Lower Upper
 77 100
 123 45.3 59.8 89.8#
 65 13.3 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.68 ng

RT: 7.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

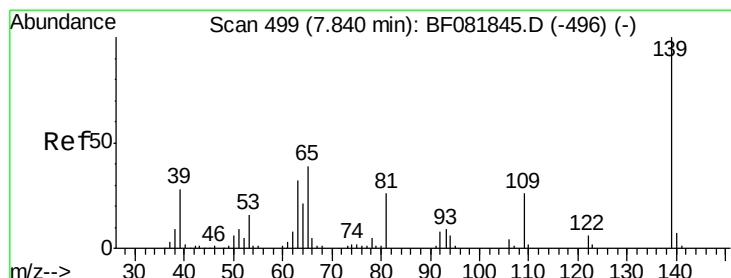
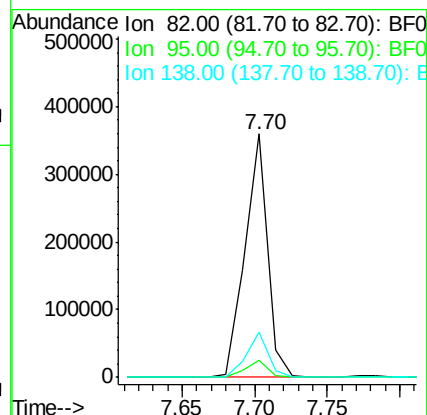
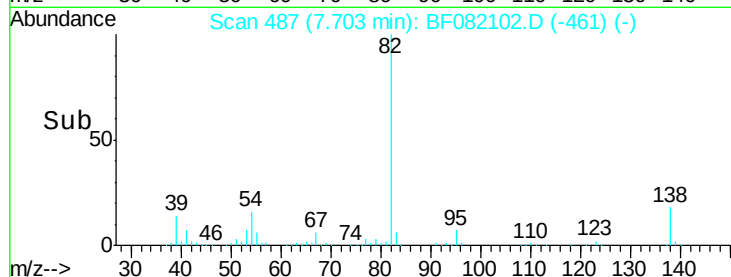
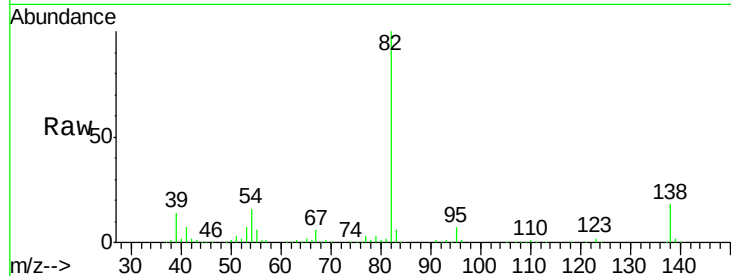
Tot Ion: 82 Resp: 386404

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

138 18.4 18.3 27.5



#26

2-Nitrophenol

Concen: 46.74 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

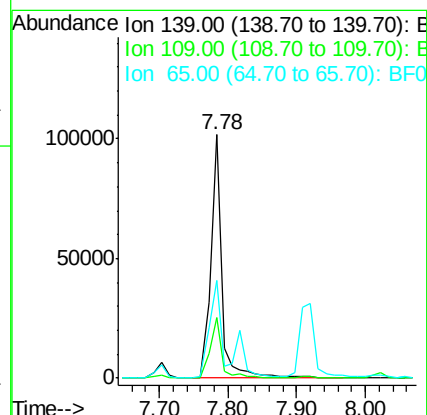
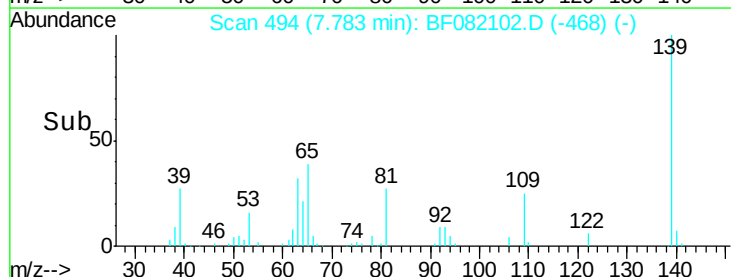
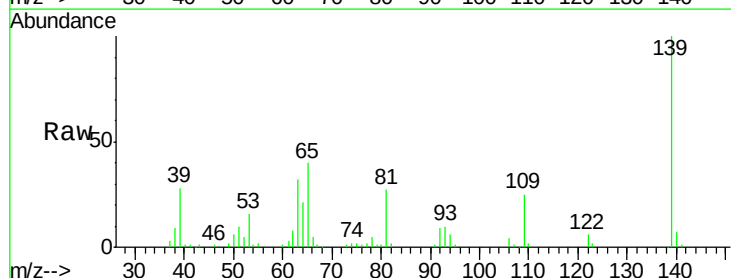
Tgt Ion: 139 Resp: 113947

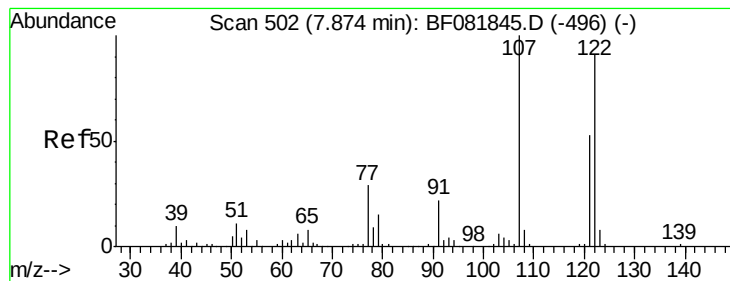
Ion Ratio Lower Upper

139 100

109 25.0 11.0 16.4#

65 39.9 24.7 37.1#

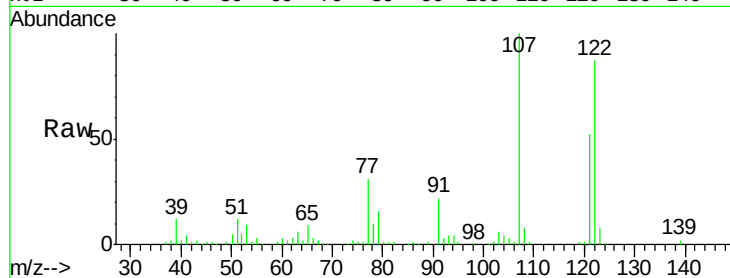




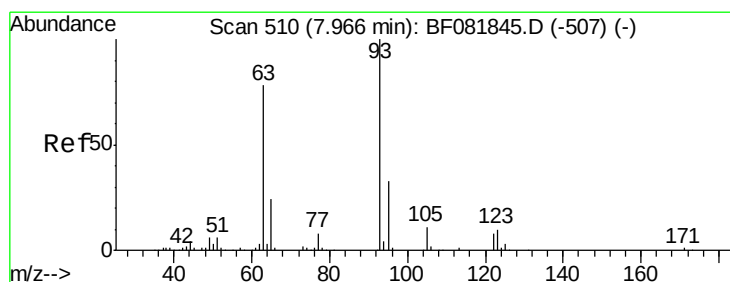
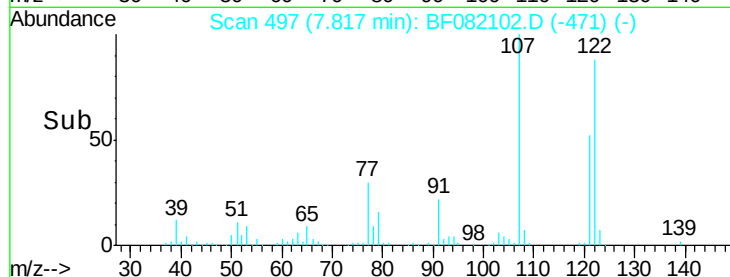
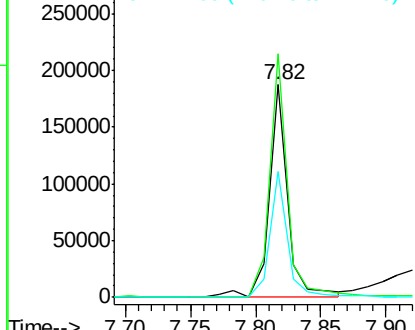
#27
2,4-Dimethylphenol
Concen: 43.76 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Instrument :
BNA_F
ClientSampleId :
PB85943BS

Tot Ion:122 Resp: 187679
Ion Ratio Lower Upper
122 100
107 114.4 71.8 107.6#
121 59.0 42.3 63.5

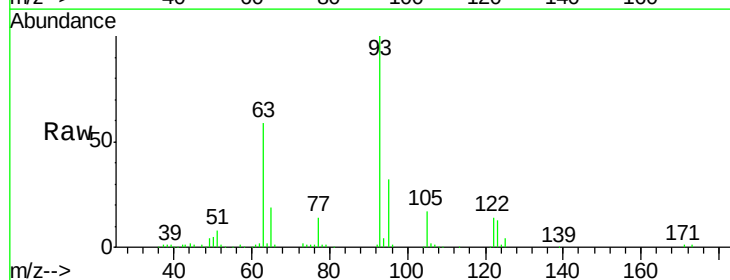


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

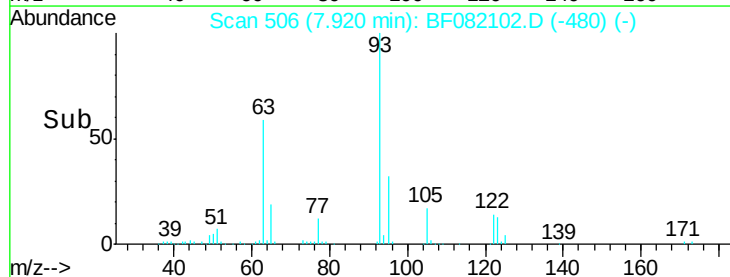
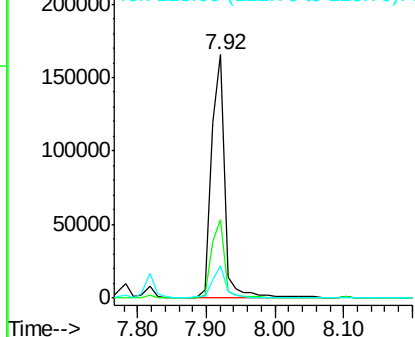


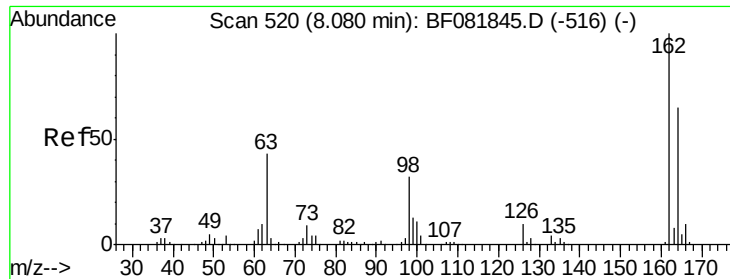
#28
bis(2-Chloroethoxy)methane
Concen: 40.76 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion: 93 Resp: 224397
Ion Ratio Lower Upper
93 100
95 32.1 27.5 41.3
123 13.1 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

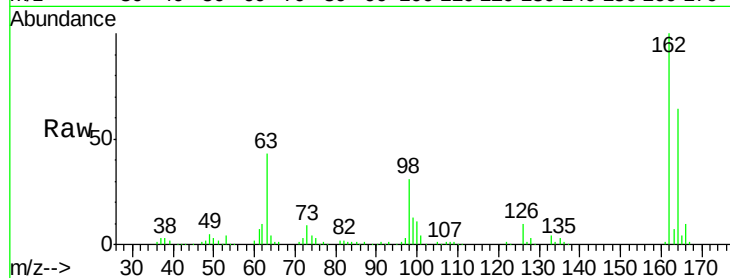




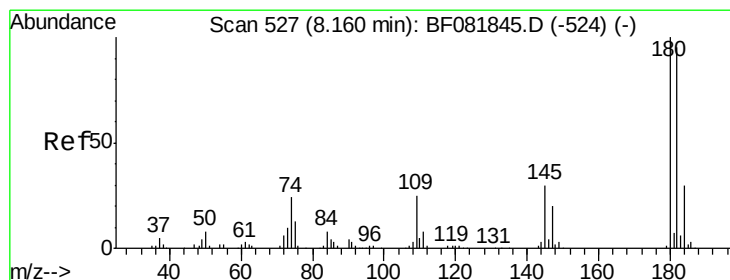
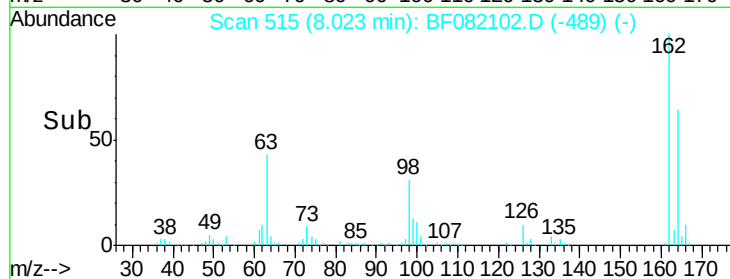
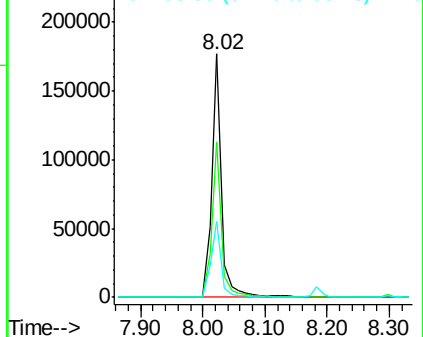
#29
 2,4-Dichlorophenol
 Concen: 45.87 ng
 RT: 8.02 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.9	84.9
98	31.0	13.0	53.0

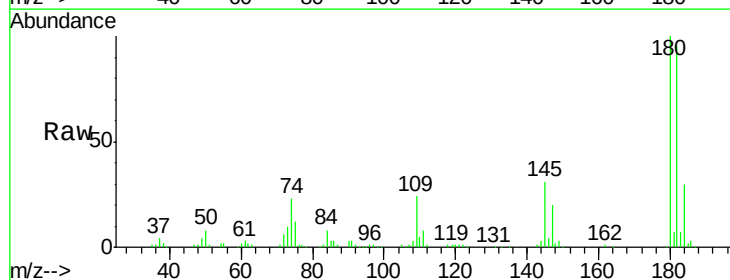


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

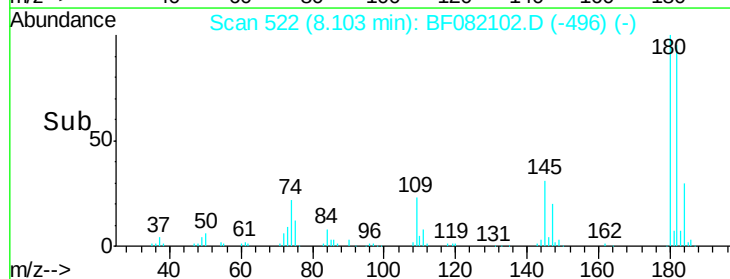
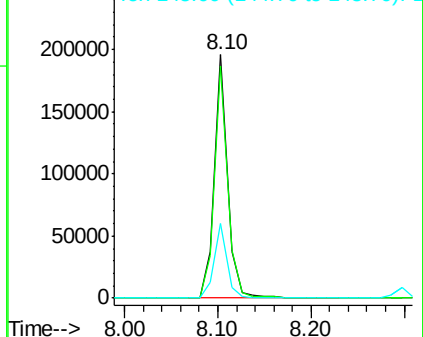


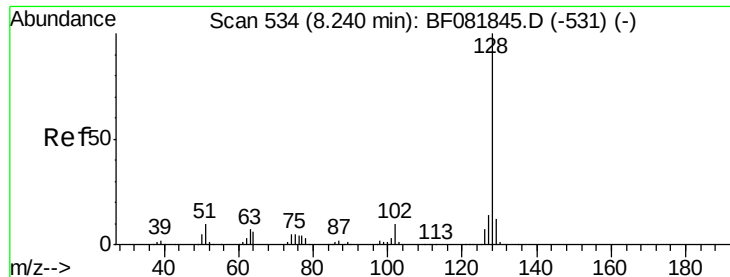
#30
 1,2,4-Trichlorobenzene
 Concen: 41.73 ng
 RT: 8.10 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
145	30.7	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

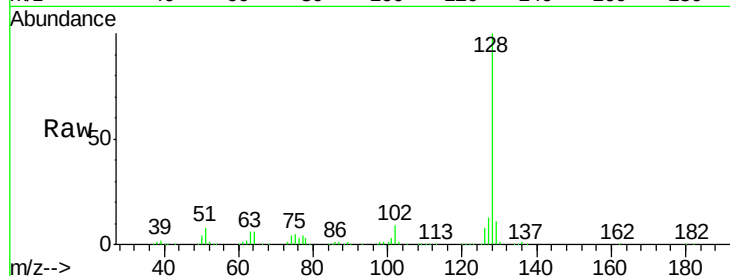




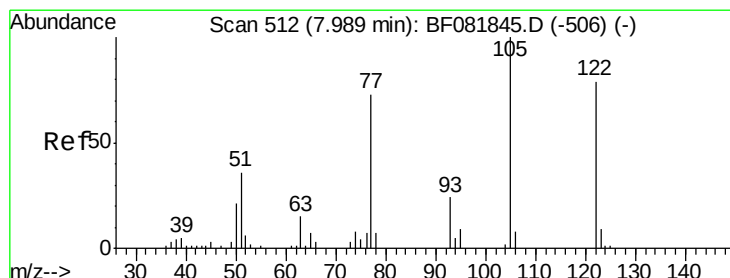
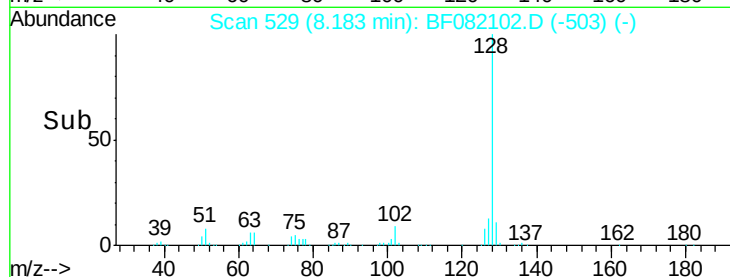
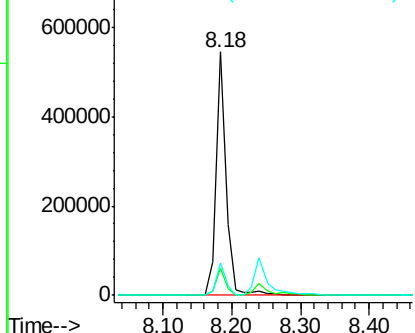
#31
Naphthalene
Concen: 41.25 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Instrument :
BNA_F
ClientSampleId :
PB85943BS

Tot Ion:128 Resp: 569953
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.2 9.9 14.9

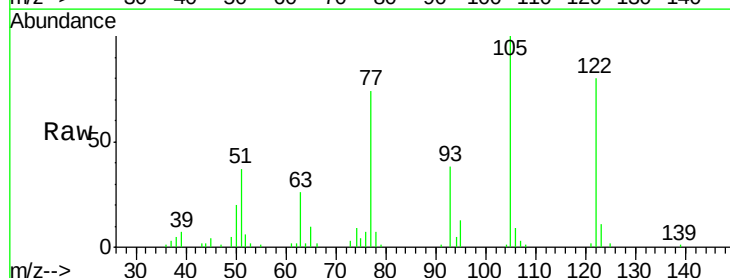


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

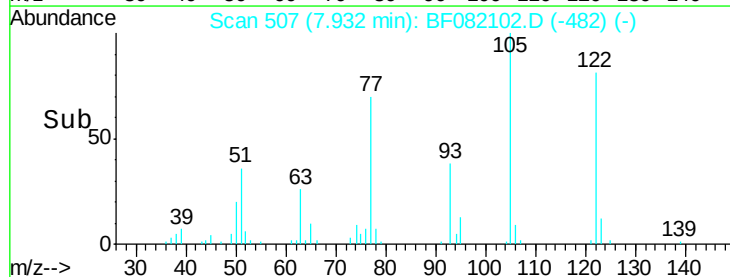
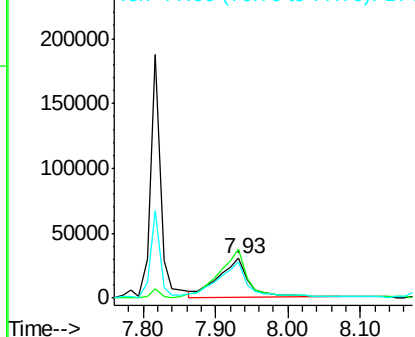


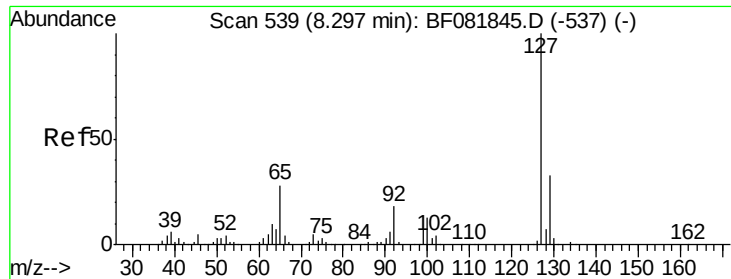
#32
Benzoic acid
Concen: 36.57 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion:122 Resp: 88538
Ion Ratio Lower Upper
122 100
105 125.1 76.1 116.1#
77 93.2 40.5 80.5#



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

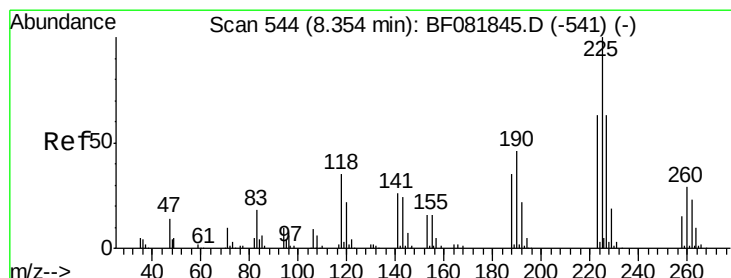
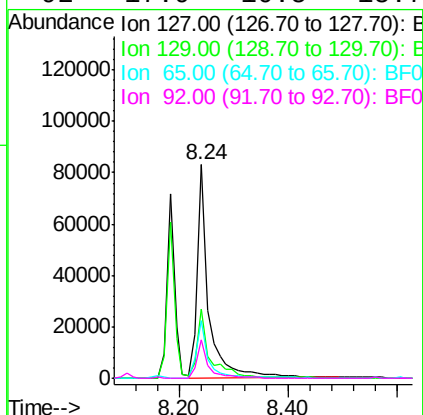
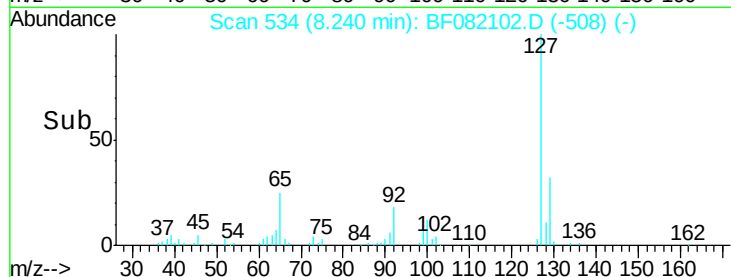
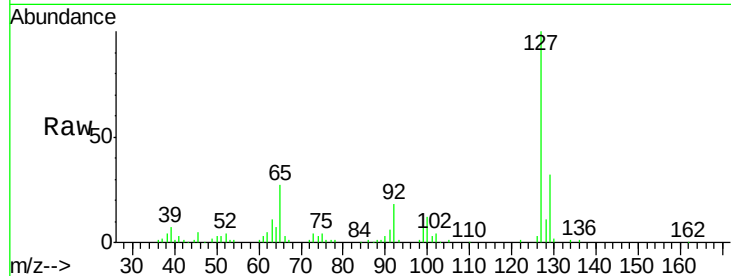




#33
4-Chloroaniline
Concen: 19.89 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

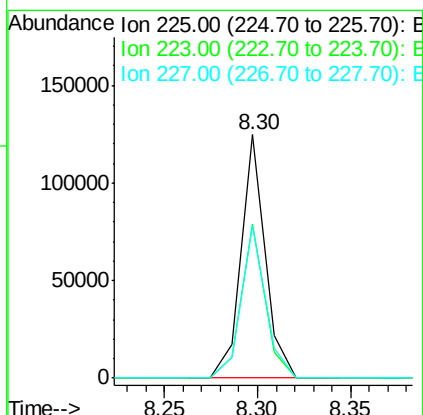
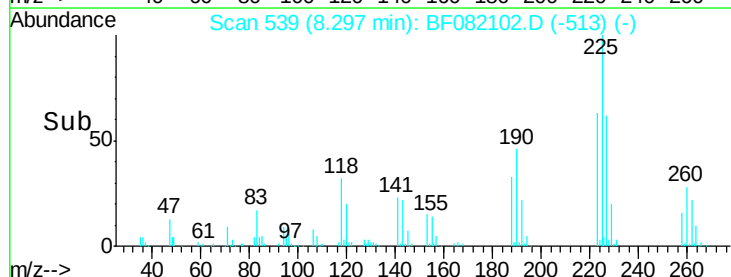
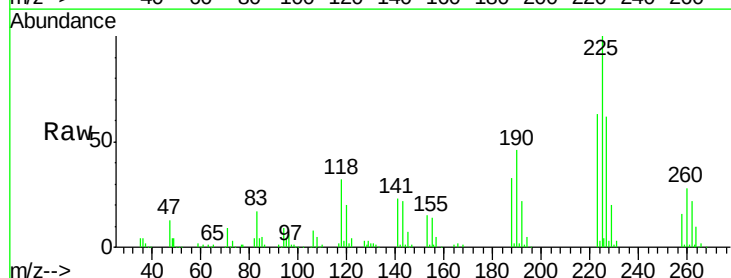
Instrument :
BNA_F
ClientSampleId :
PB85943BS

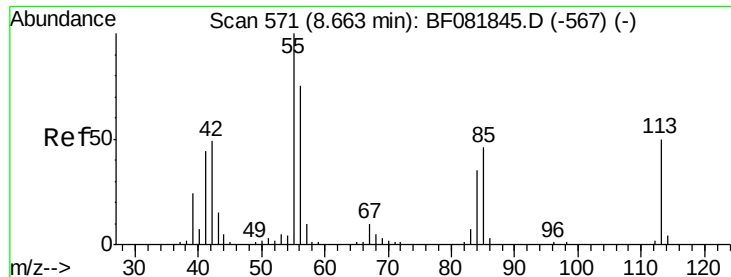
Tot Ion:127 Resp: 118843
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.6
65 26.9 17.9 26.9#
92 17.9 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 41.05 ng
RT: 8.30 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion:225 Resp: 112725
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.2
227 62.5 52.2 78.2





#35

Caprolactam

Concen: 28.79 ng

RT: 8.61 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

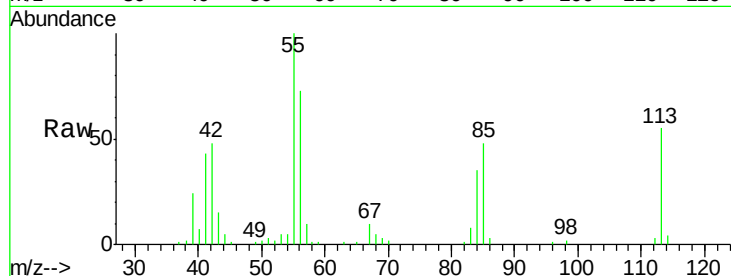
Tot Ion:113 Resp: 33143

Ion Ratio Lower Upper

113 100

55 182.9 152.4 192.4

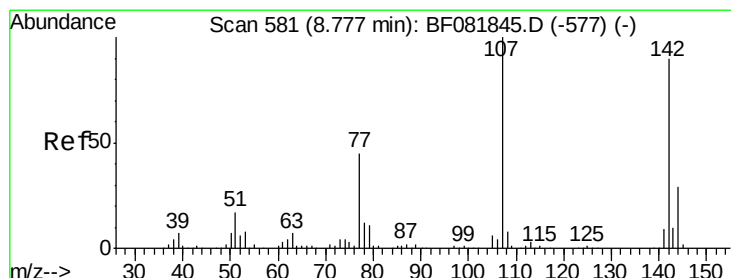
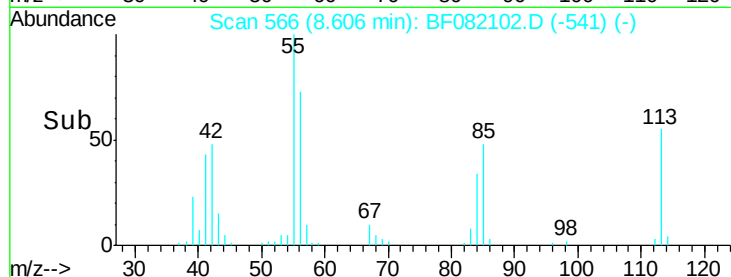
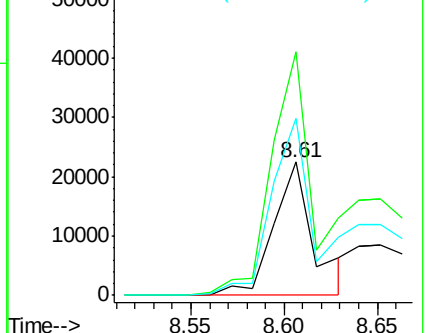
56 132.8 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.77 ng

RT: 8.72 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

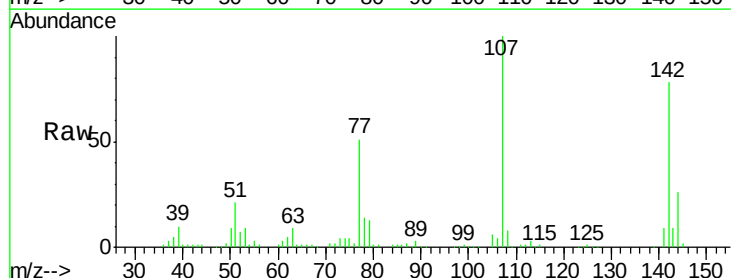
Tgt Ion:107 Resp: 182070

Ion Ratio Lower Upper

107 100

144 25.8 25.4 38.0

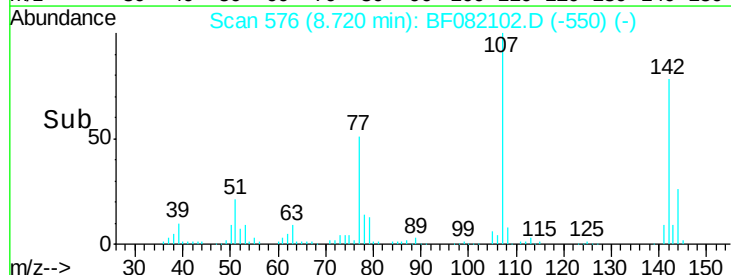
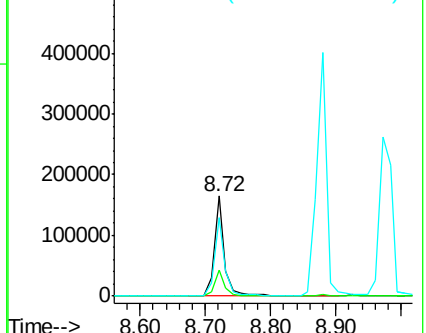
142 78.5 77.3 115.9

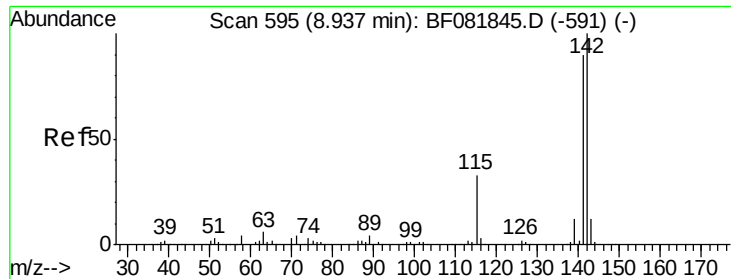


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

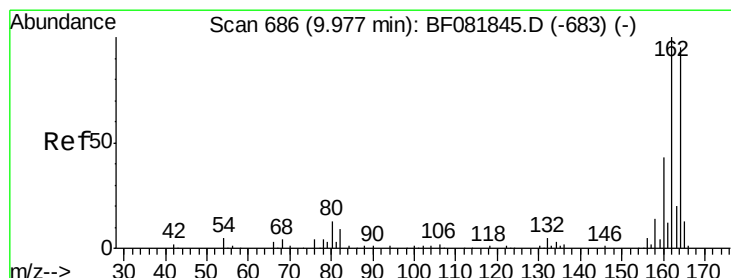
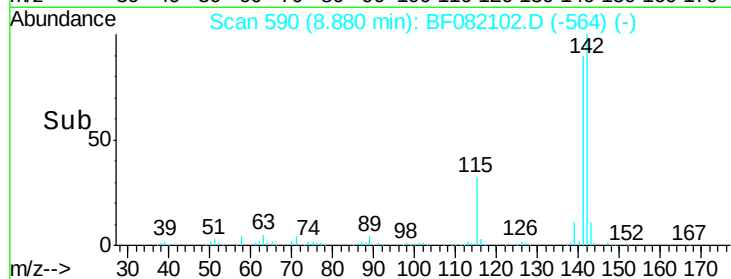
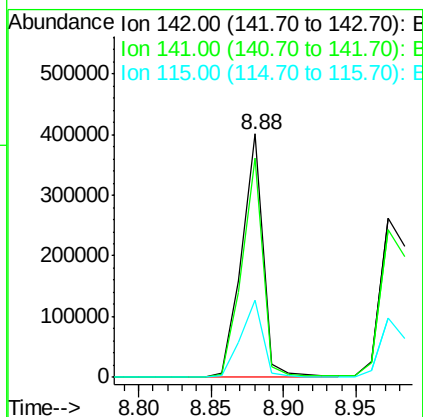
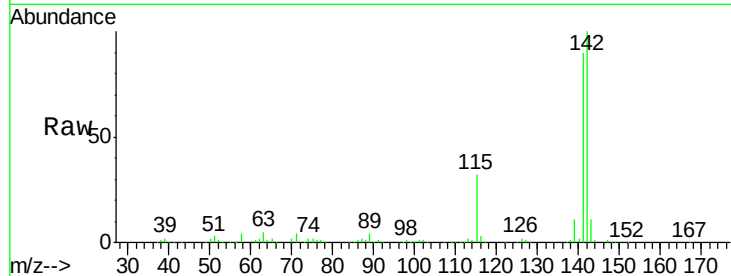




#37
2-Methylnaphthalene
Concen: 43.72 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

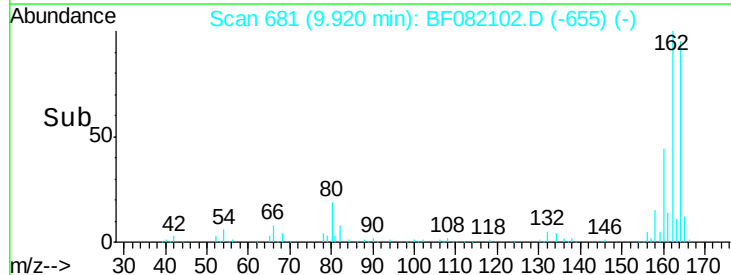
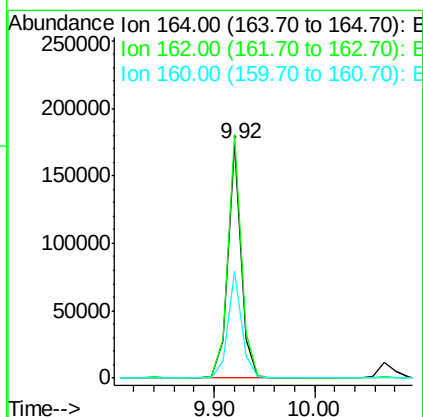
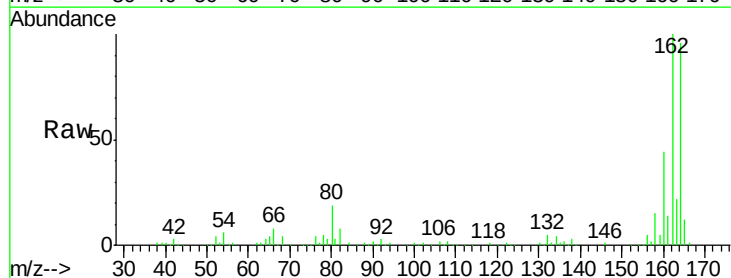
Instrument :
BNA_F
ClientSampleId :
PB85943BS

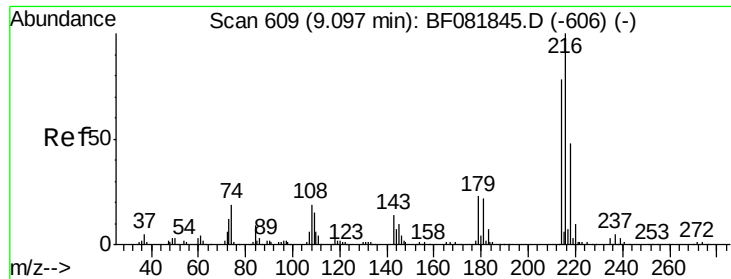
Tot Ion:142 Resp: 412325
Ion Ratio Lower Upper
142 100
141 90.1 67.5 101.3
115 31.8 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion:164 Resp: 160768
Ion Ratio Lower Upper
164 100
162 104.3 75.2 112.8
160 45.6 31.5 47.3

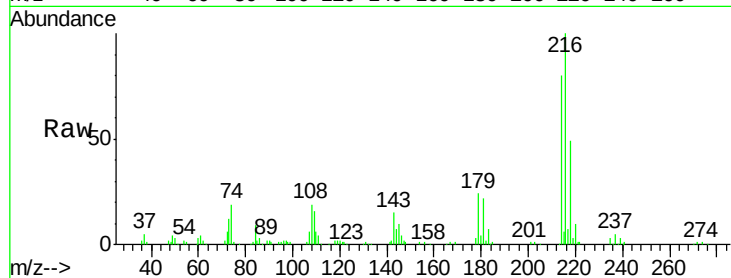




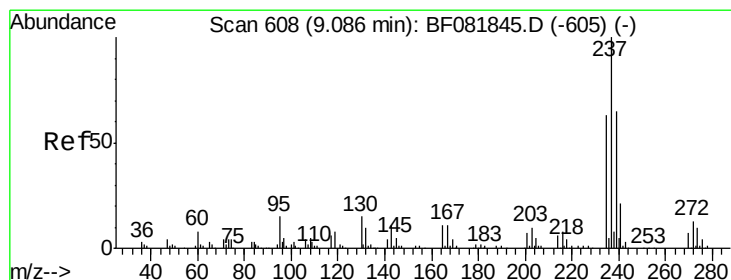
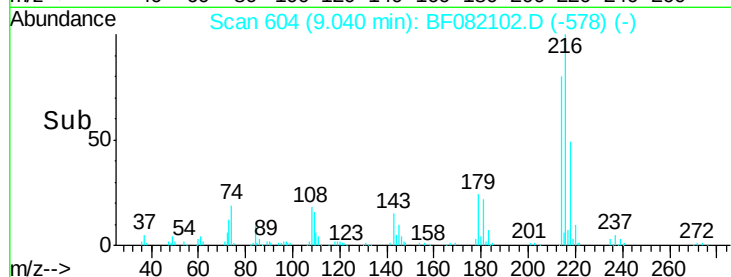
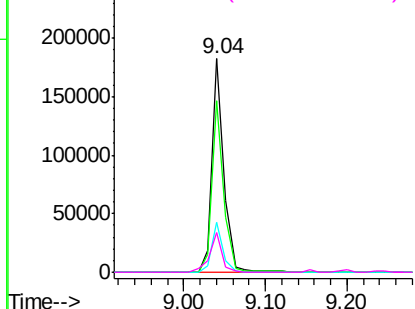
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.32 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Tot Ion:	216	Resp:	189124
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	21.7	16.6	24.8
108	19.6	16.3	24.5

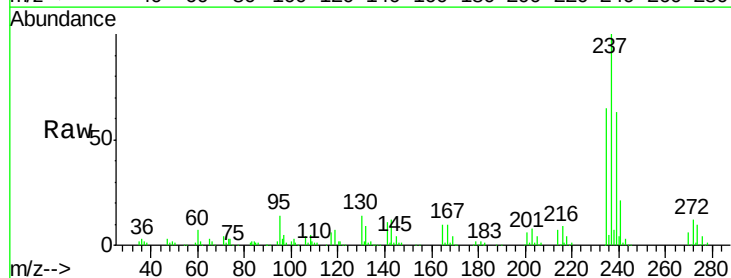


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

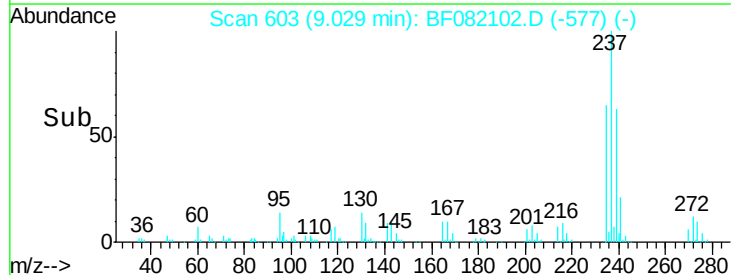
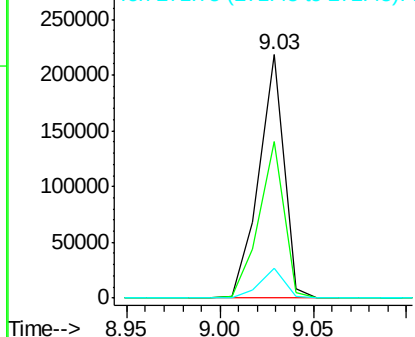


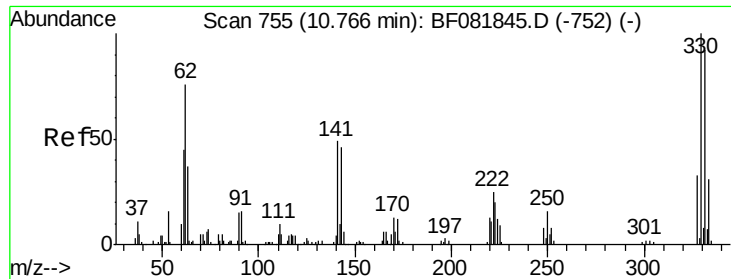
#40
 Hexachlorocyclopentadiene
 Concen: 79.88 ng
 RT: 9.03 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion:	237	Resp:	203030
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.0	82.0
272	12.0	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

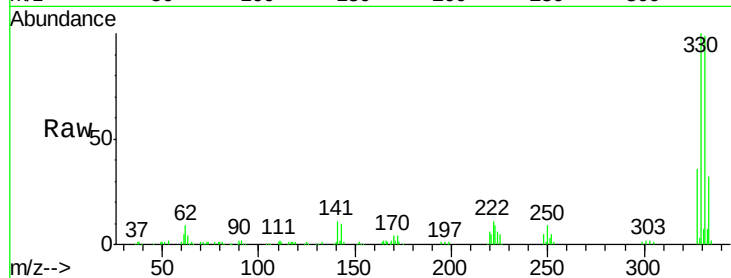




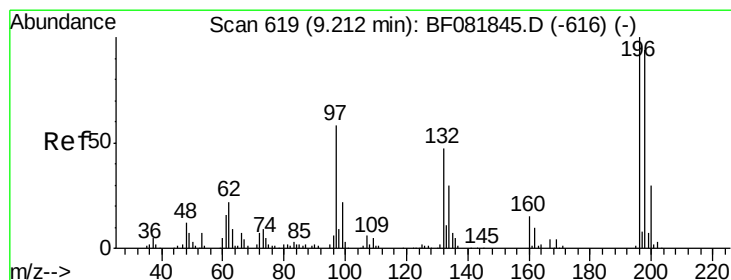
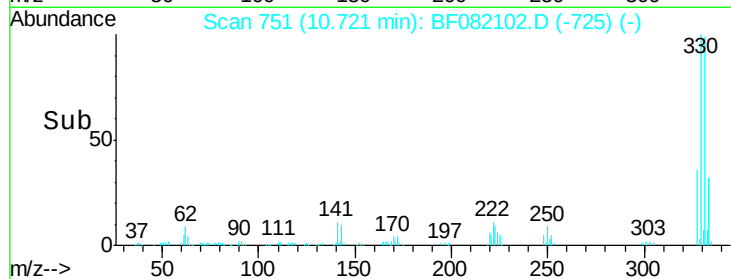
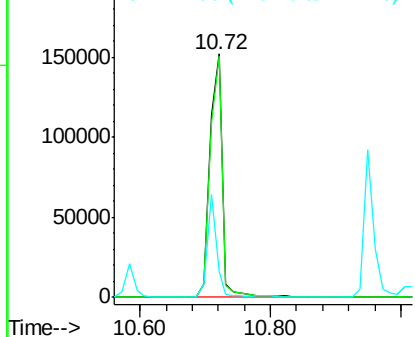
#41
 2,4,6-Tribromophenol
 Concen: 125.16 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	31.9	29.7	44.5

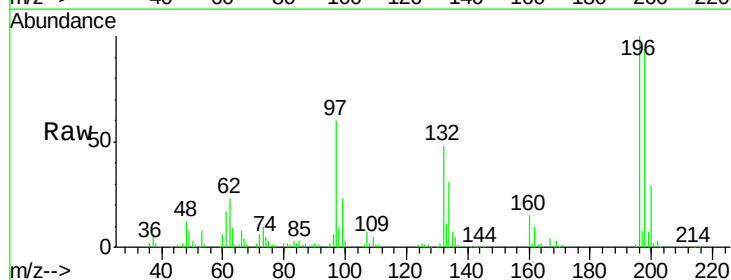


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

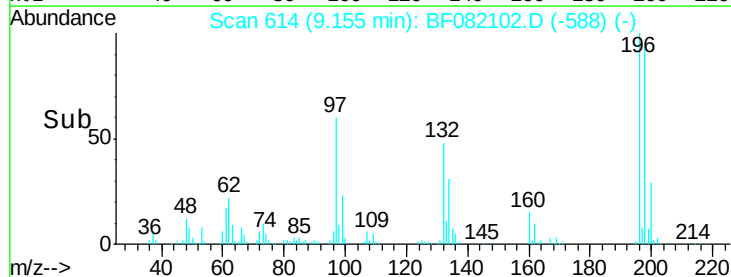
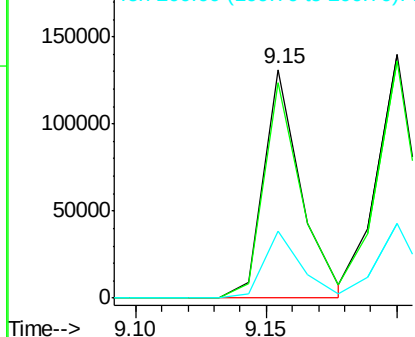


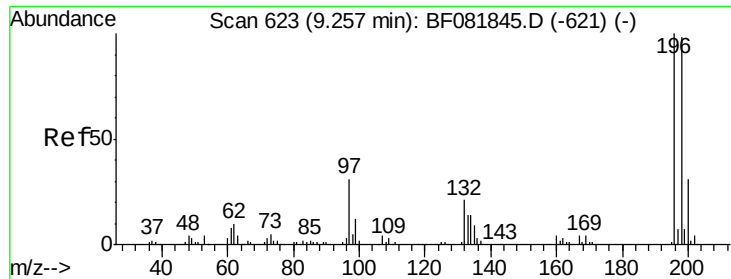
#42
 2,4,6-Trichlorophenol
 Concen: 38.61 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
200	29.5	23.9	35.9



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

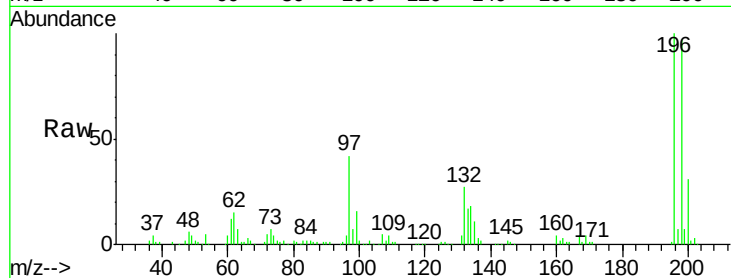




#43
 2,4,5-Trichlorophenol
 Concen: 44.50 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.4	113.0
97	42.2	33.3	49.9
132	26.9	24.6	37.0



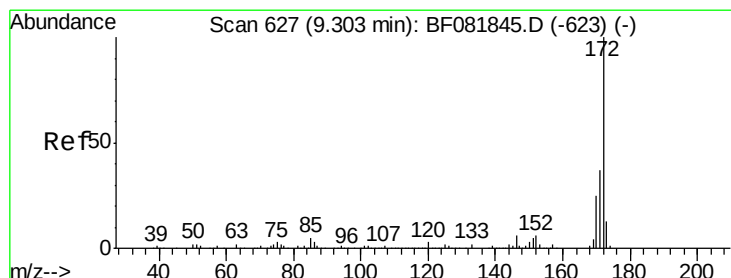
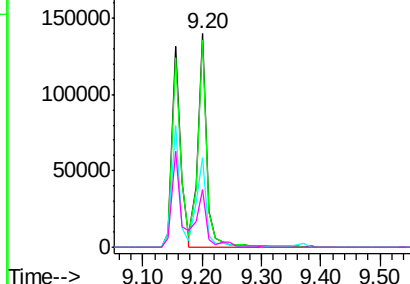
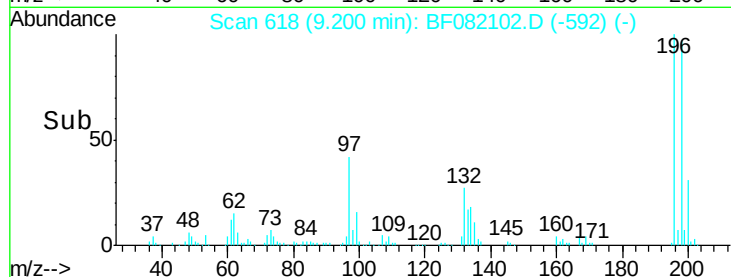
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

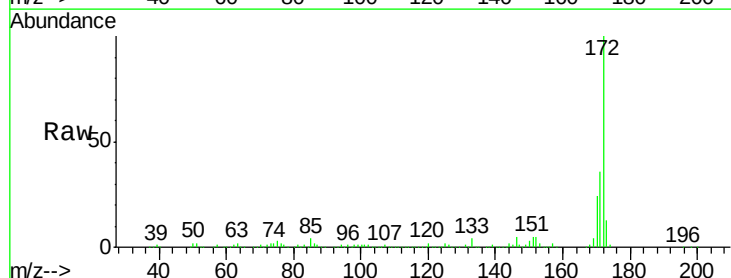
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.66 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	23.9	17.4	26.2

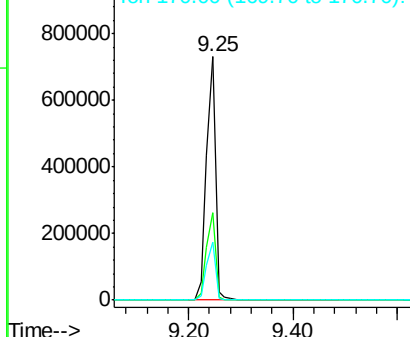
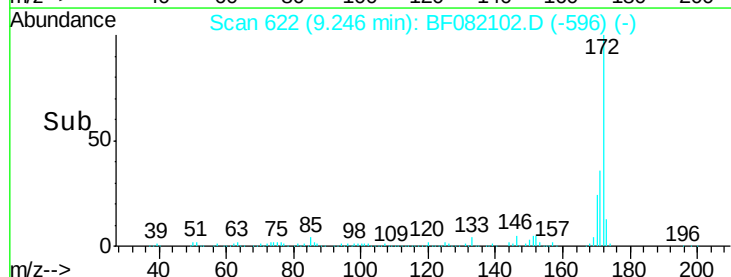


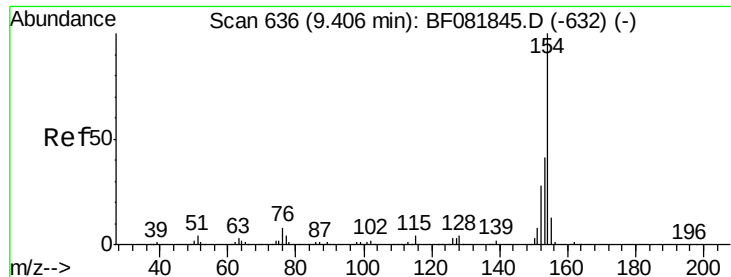
Abundance

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: 39.42 ng

RT: 9.34 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

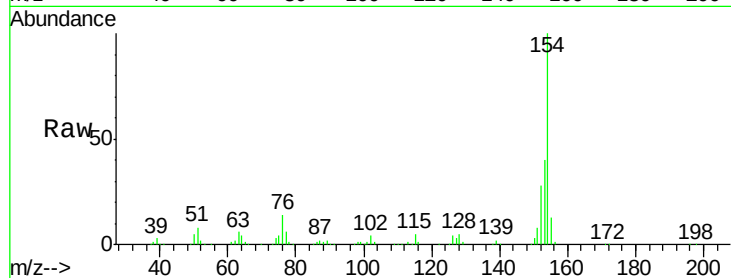
Tot Ion:154 Resp: 488914

Ion Ratio Lower Upper

154 100

153 40.0 17.1 57.1

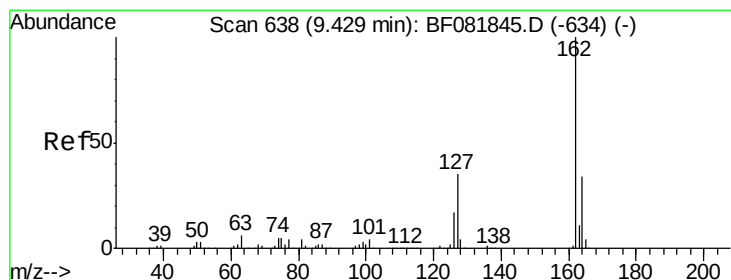
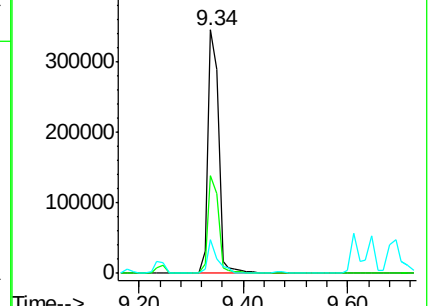
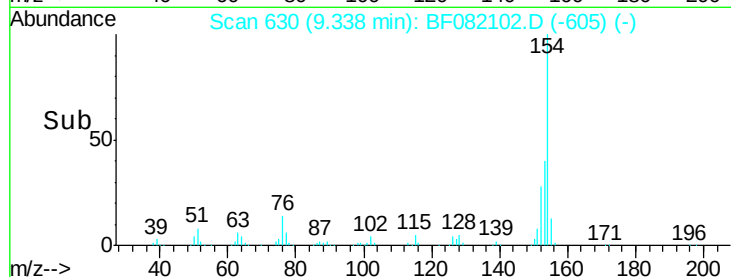
76 13.9 0.0 31.6



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: 41.23 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

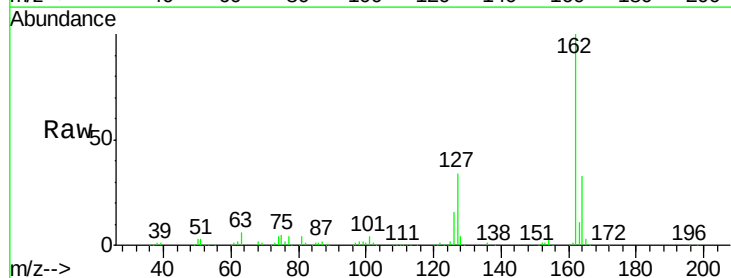
Tgt Ion:162 Resp: 401552

Ion Ratio Lower Upper

162 100

127 34.2 27.6 41.4

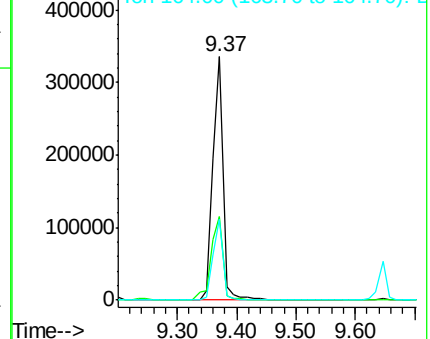
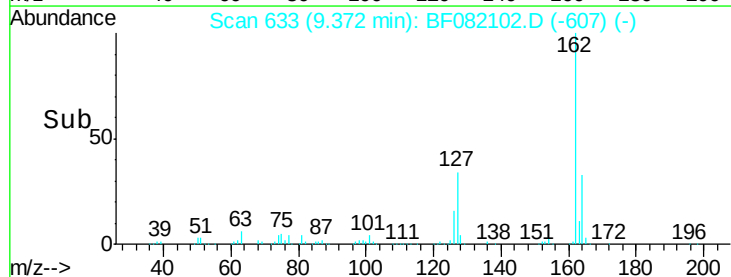
164 33.1 25.4 38.2

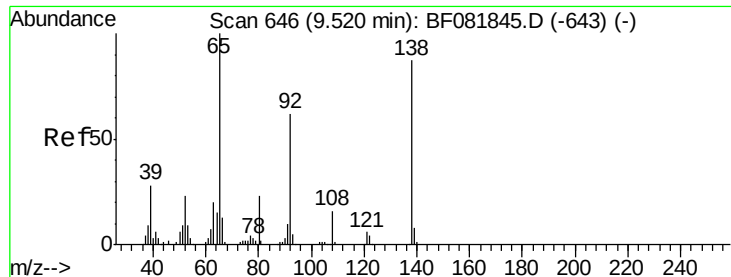


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

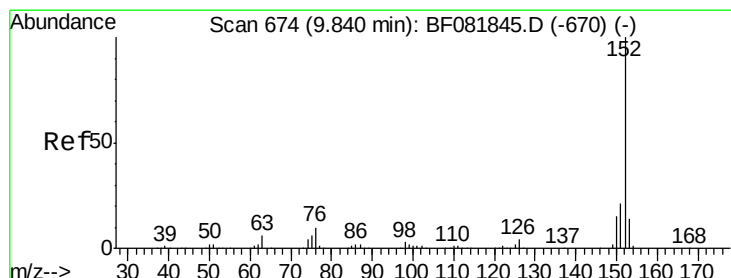
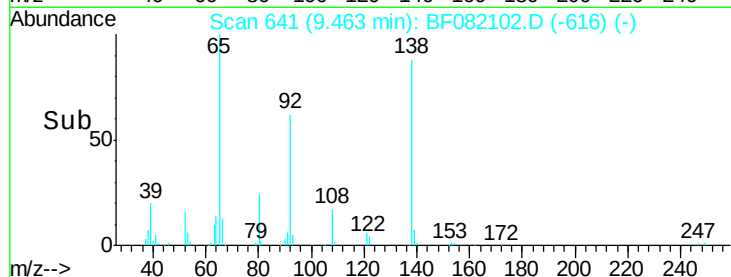
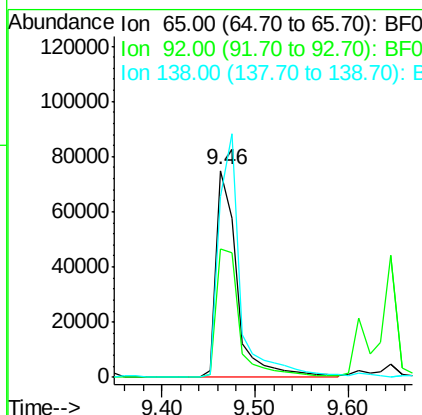
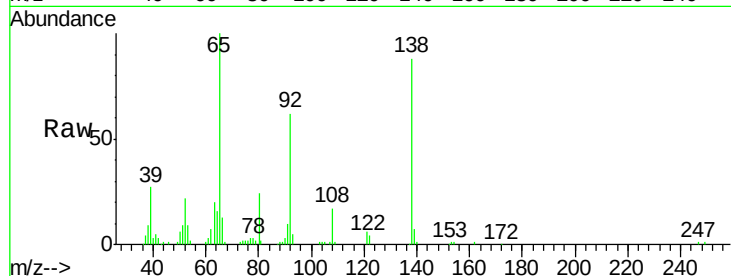




#47
 2-Nitroaniline
 Concen: 41.13 ng
 RT: 9.46 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

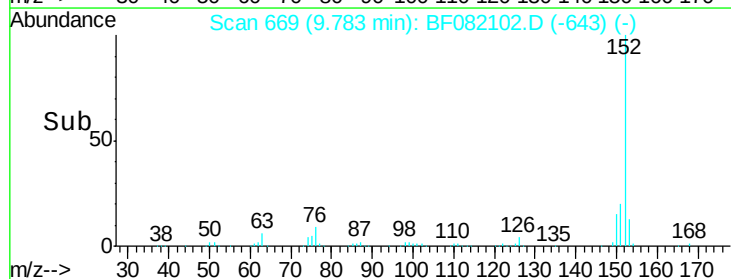
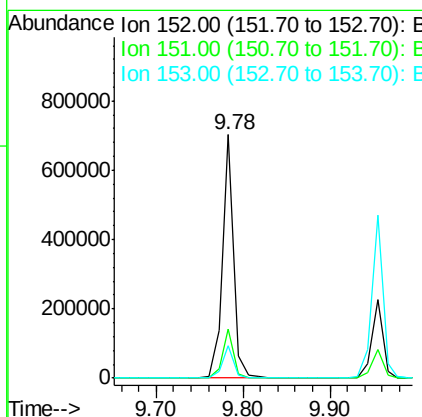
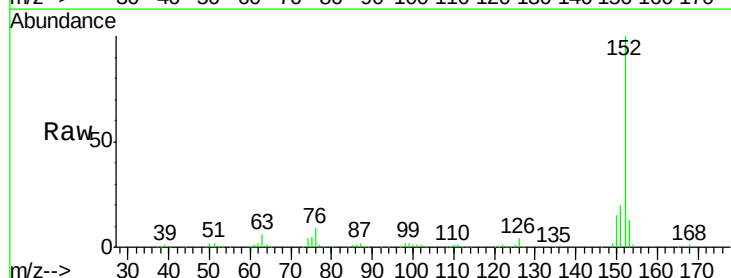
Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

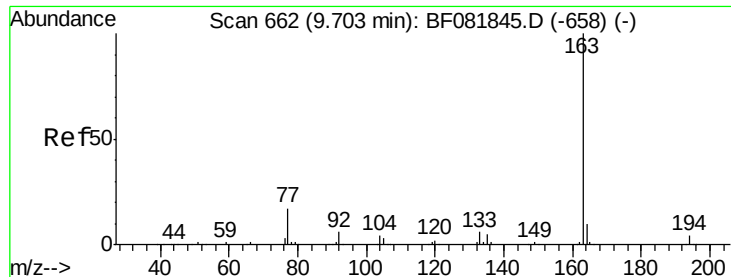
Tot Ion: 65 Resp: 117587
 Ion Ratio Lower Upper
 65 100
 92 62.1 55.4 83.0
 138 87.7 115.5 173.3#



#48
 Acenaphthylene
 Concen: 41.00 ng
 RT: 9.78 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion: 152 Resp: 639055
 Ion Ratio Lower Upper
 152 100
 151 20.2 14.6 22.0
 153 13.3 10.3 15.5

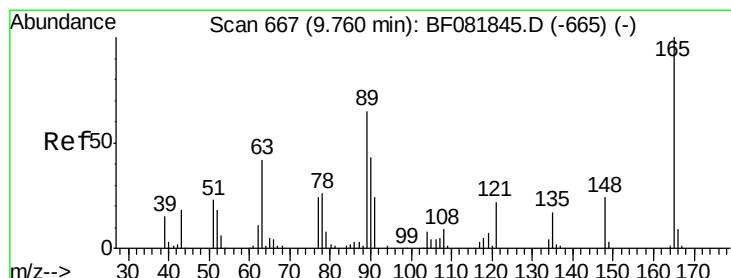
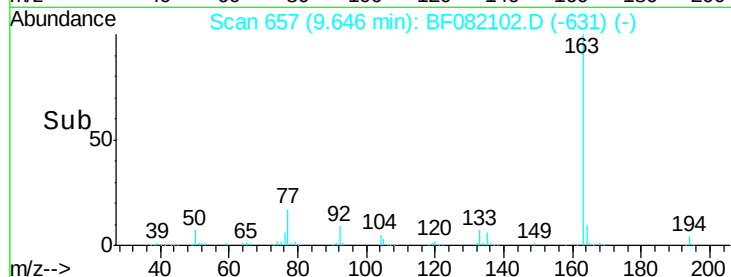
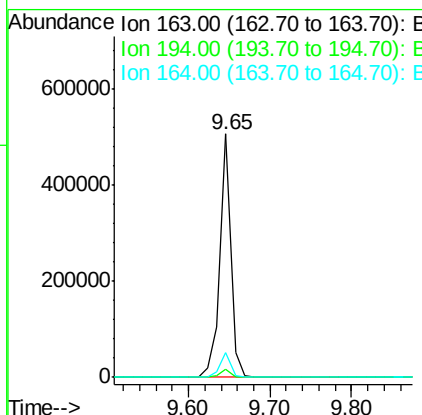
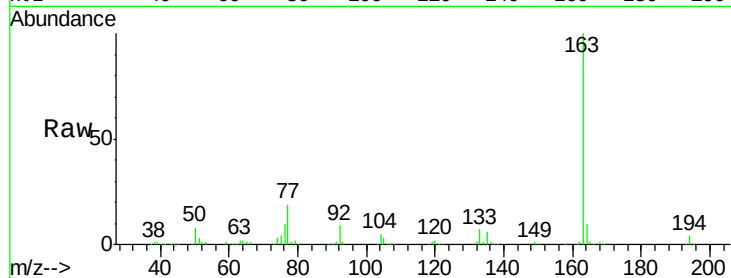




#49
Dimethylphthalate
Concen: 42.86 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

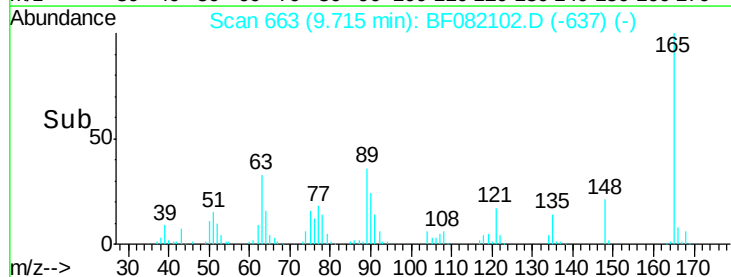
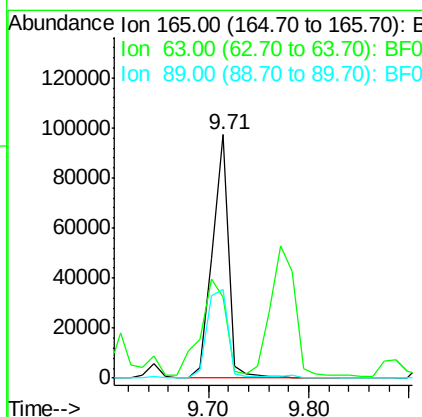
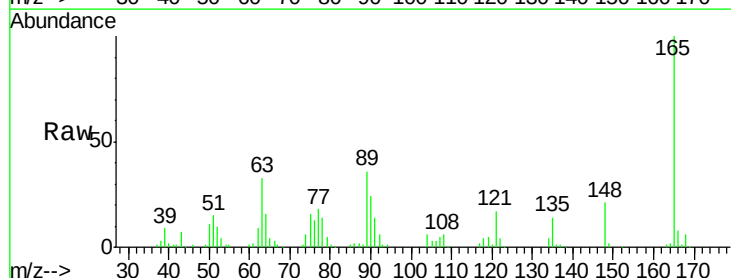
Instrument :
BNA_F
ClientSampleId :
PB85943BS

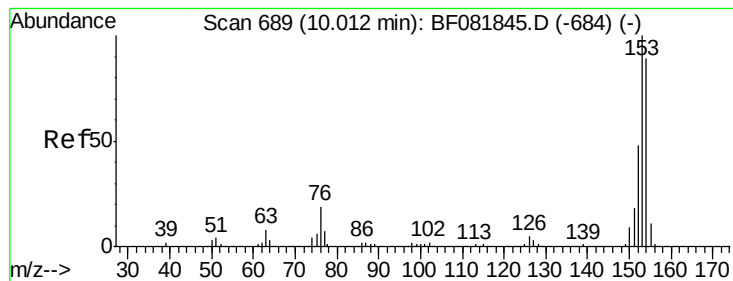
Tot Ion:163 Resp: 475646
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.4 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 45.17 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion:165 Resp: 108825
Ion Ratio Lower Upper
165 100
63 33.4 32.3 48.5
89 36.5 28.6 43.0





#51

Acenaphthene

Concen: 39.72 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

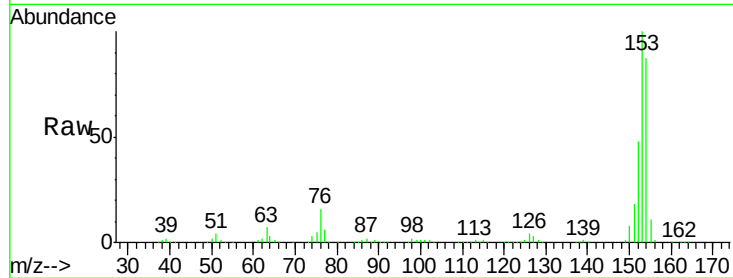
Tot Ion:154 Resp: 367644

Ion Ratio Lower Upper

154 100

153 114.8 82.1 123.1

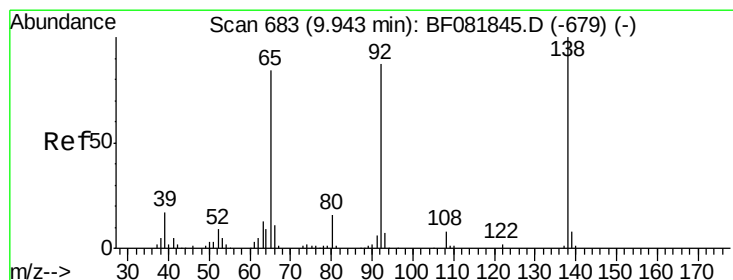
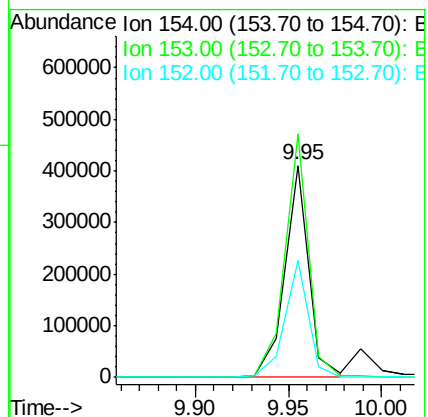
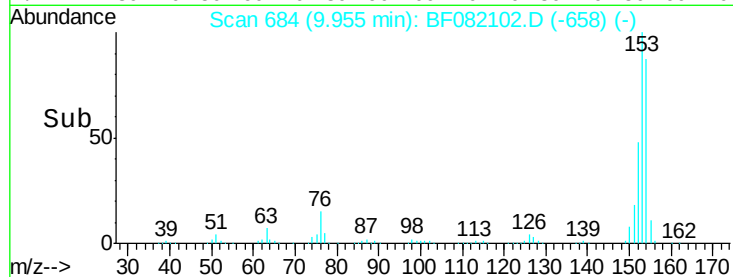
152 55.2 37.9 56.9



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: 25.91 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

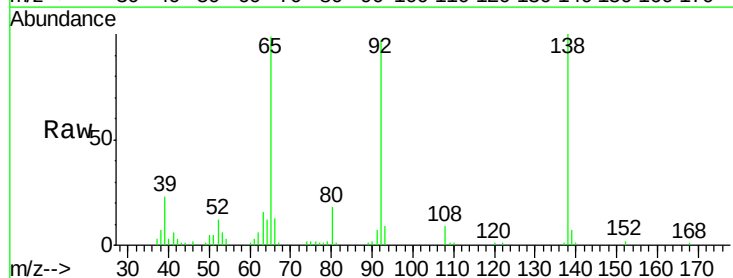
Tgt Ion:138 Resp: 72230

Ion Ratio Lower Upper

138 100

108 9.2 5.7 8.5#

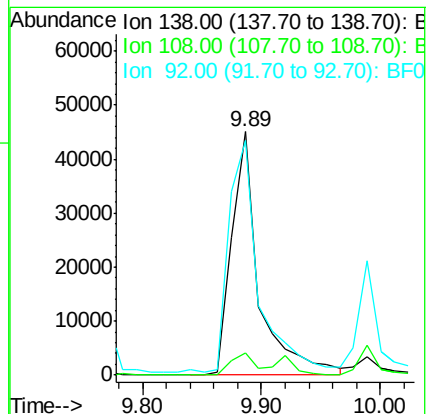
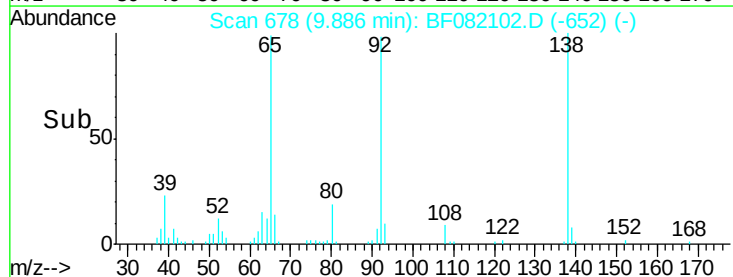
92 96.5 67.7 101.5

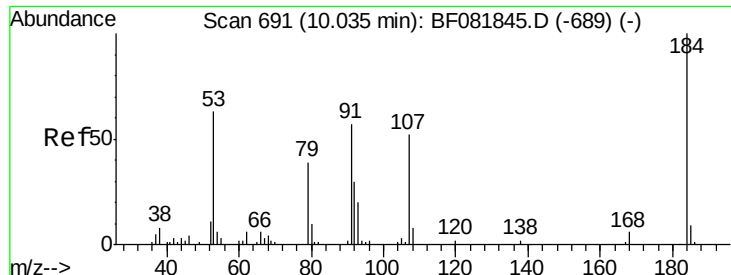


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

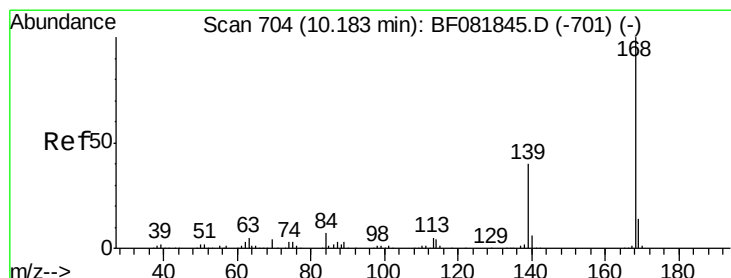
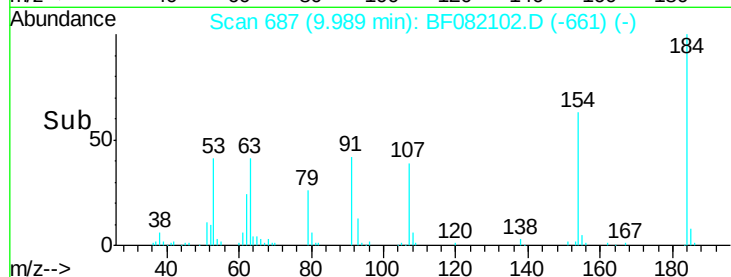
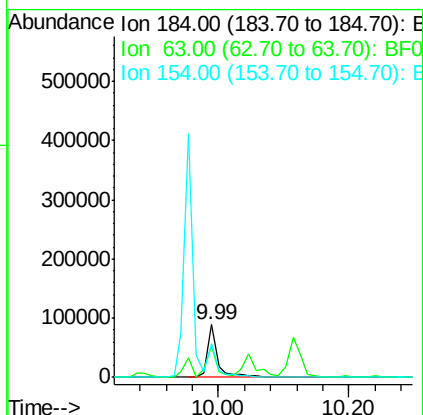
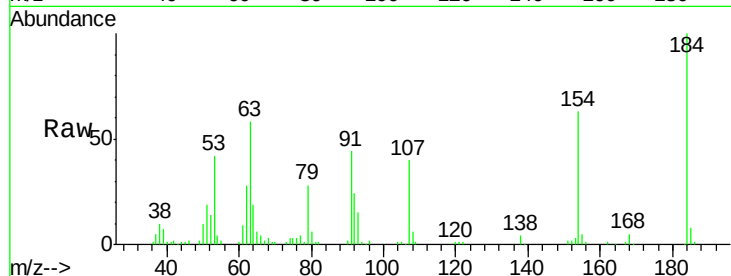




#53
 2,4-Dinitrophenol
 Concen: 82.51 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

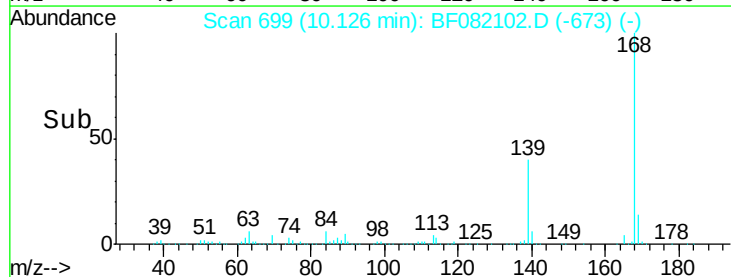
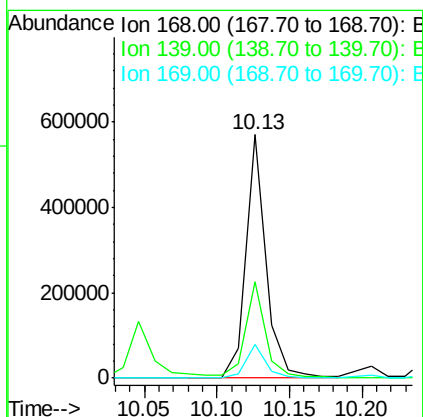
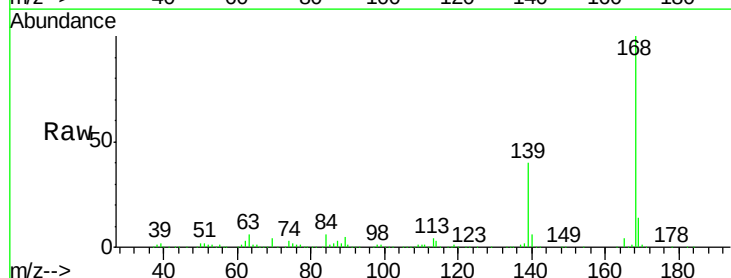
Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

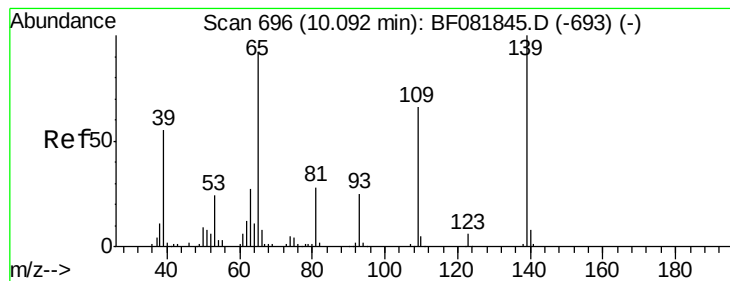
Tot Ion:184 Resp: 98978
 Ion Ratio Lower Upper
 184 100
 63 58.1 35.4 53.2#
 154 62.9 32.2 48.4#



#54
 Dibenzofuran
 Concen: 42.24 ng
 RT: 10.13 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion:168 Resp: 552572
 Ion Ratio Lower Upper
 168 100
 139 39.6 24.2 36.2#
 169 13.7 10.6 15.8





#55

4-Nitrophenol

Concen: 77.36 ng

RT: 10.05 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

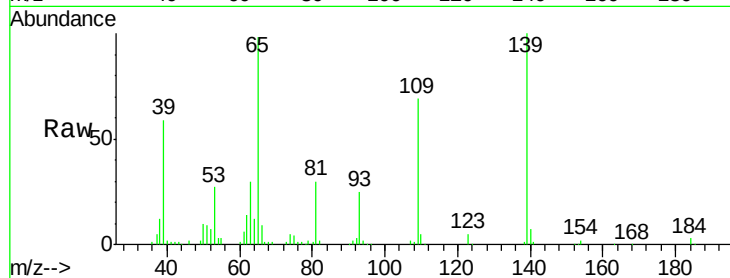
Tot Ion:139 Resp: 155813

Ion Ratio Lower Upper

139 100

109 68.8 12.7 52.7#

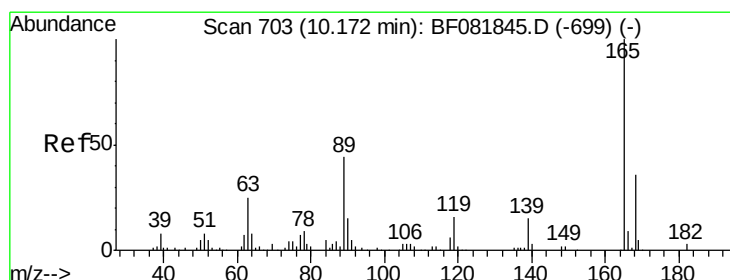
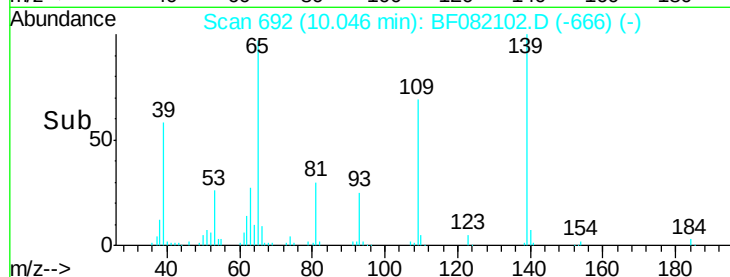
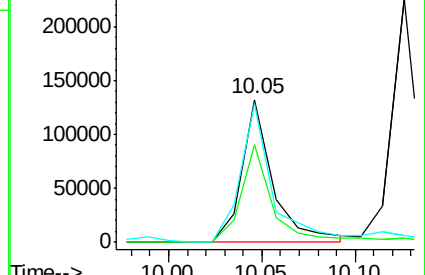
65 97.6 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.66 ng

RT: 10.11 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Tgt Ion:165 Resp: 143302

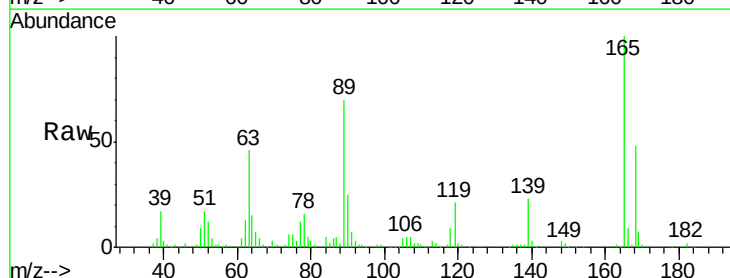
Ion Ratio Lower Upper

165 100

63 46.2 29.8 44.6#

89 70.2 44.5 66.7#

182 2.2 3.0 4.4#

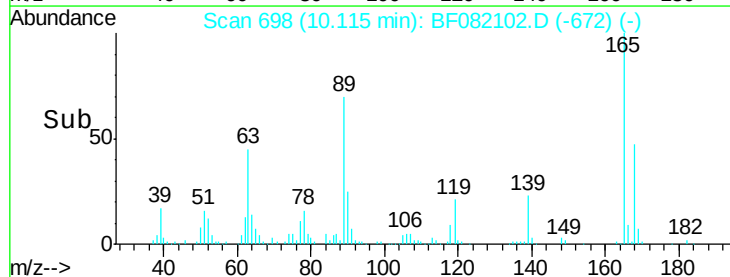
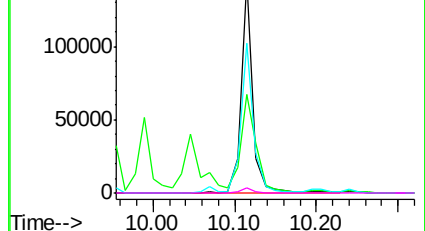


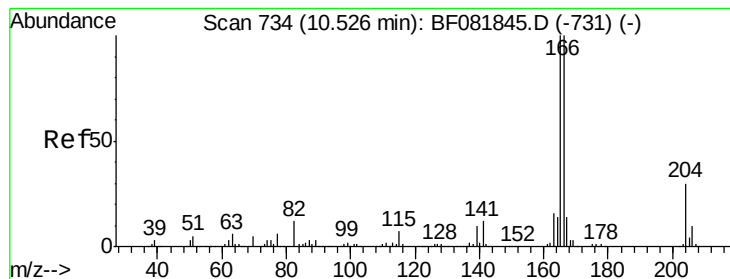
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.32 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

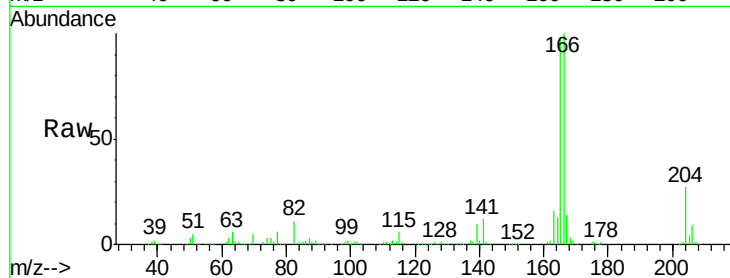
Tot Ion:166 Resp: 441703

Ion Ratio Lower Upper

166 100

165 98.1 72.6 109.0

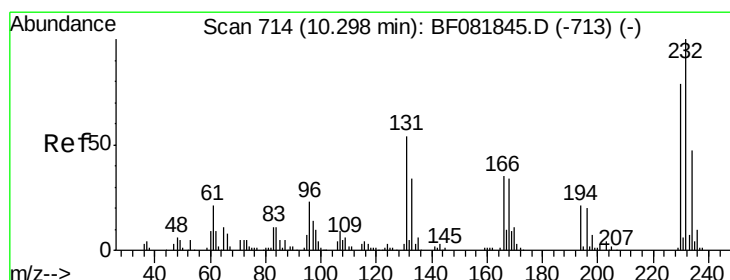
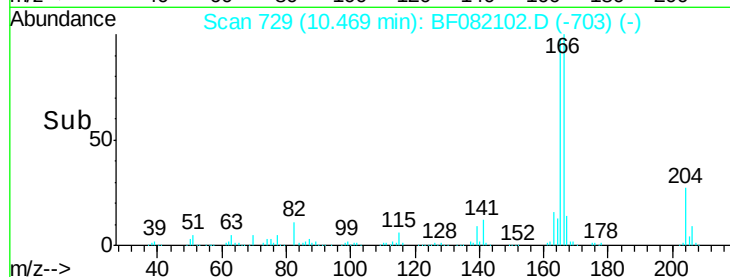
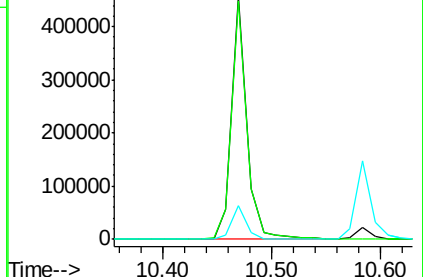
167 13.7 10.6 16.0



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: 45.28 ng

RT: 10.24 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Tgt Ion:232 Resp: 124986

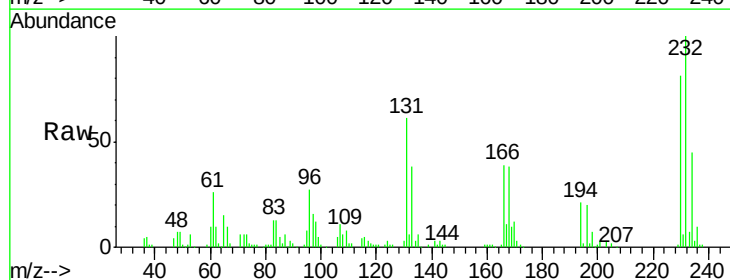
Ion Ratio Lower Upper

232 100

131 44.3 38.5 57.7

130 1.9 1.8 2.6

166 30.2 25.0 37.6

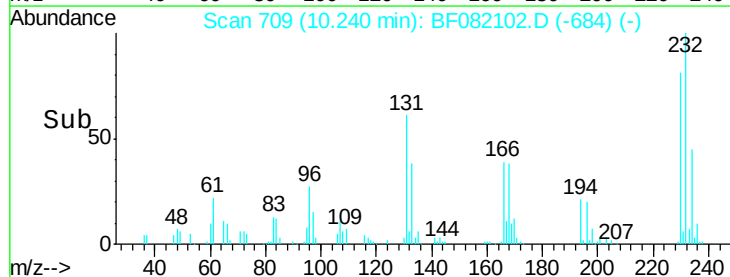
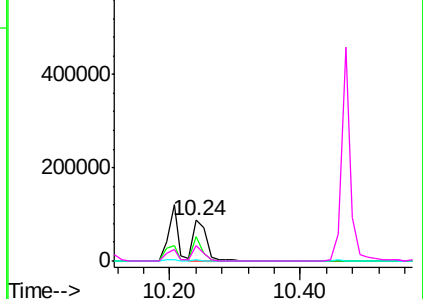


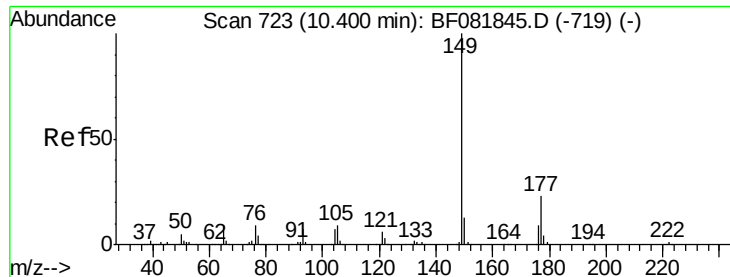
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.47 ng

RT: 10.34 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

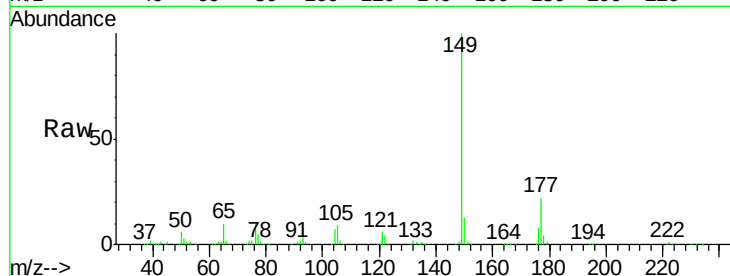
Tot Ion:149 Resp: 450554

Ion Ratio Lower Upper

149 100

177 21.7 17.5 26.3

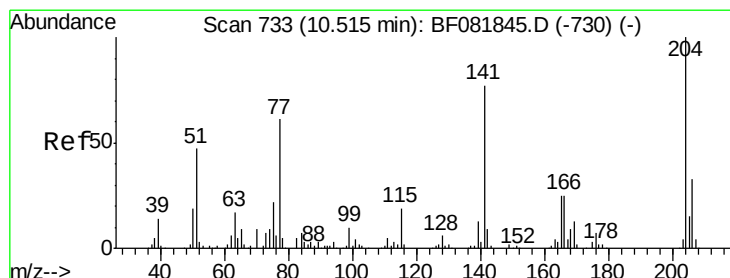
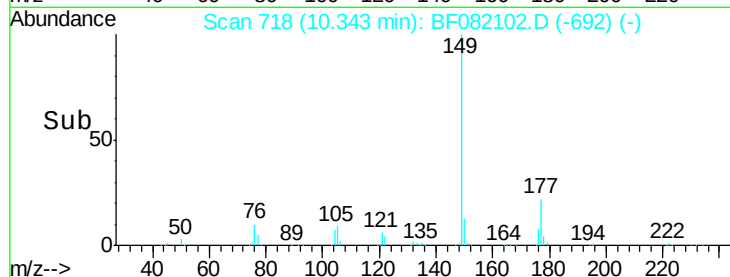
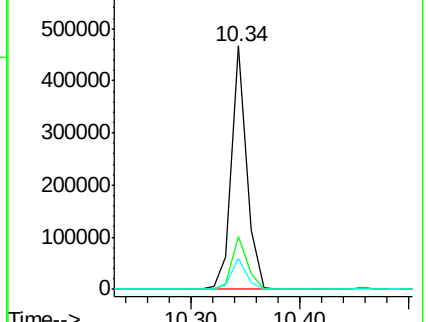
150 13.0 9.4 14.2



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: 41.87 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

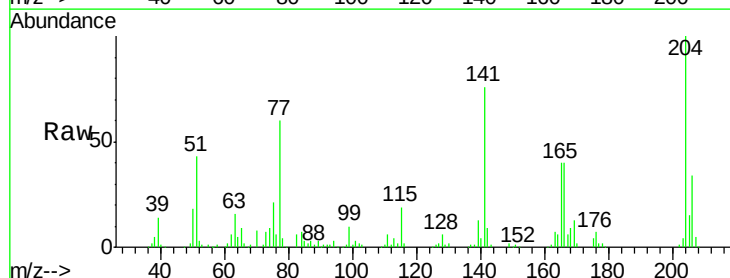
Tgt Ion:204 Resp: 200523

Ion Ratio Lower Upper

204 100

206 33.9 24.8 37.2

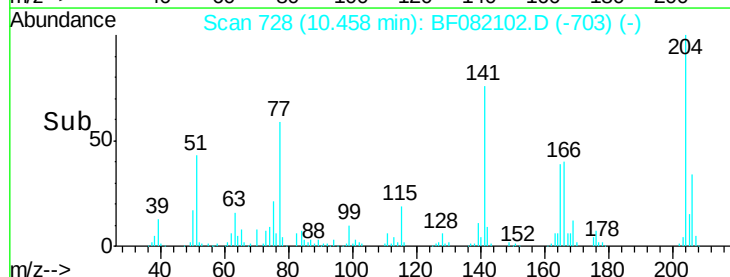
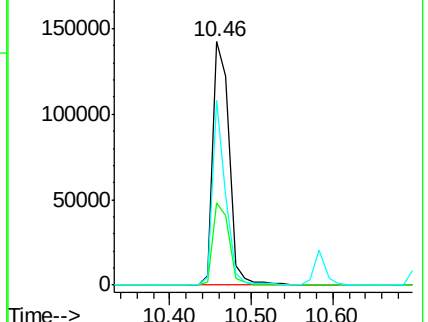
141 75.8 42.2 63.4#

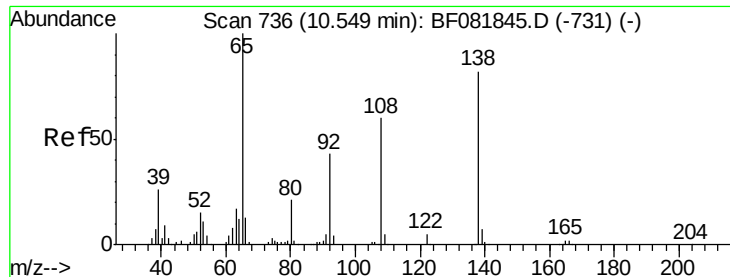


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

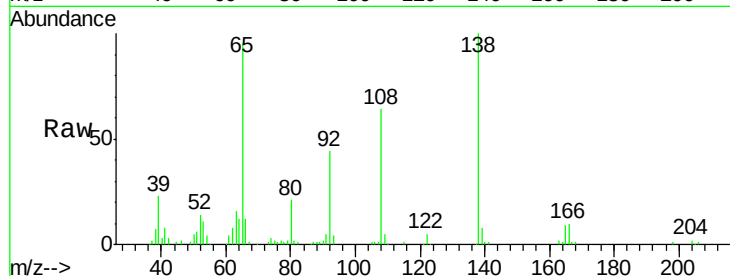




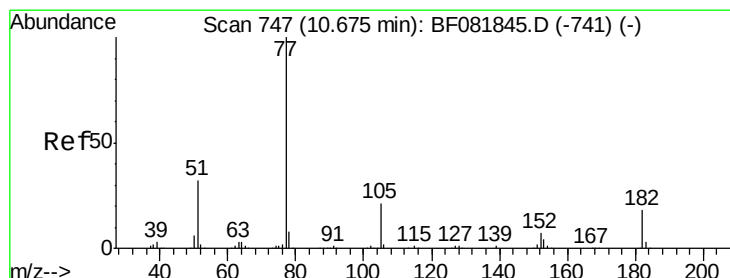
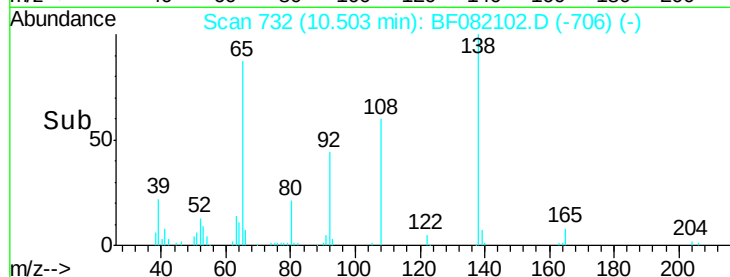
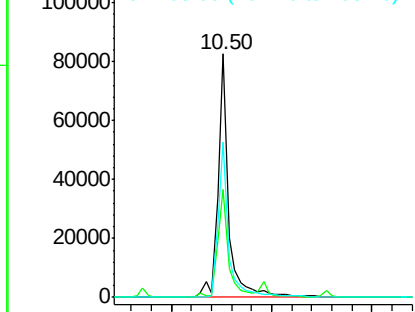
#61
4-Nitroaniline
Concen: 43.63 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Instrument :
BNA_F
ClientSampleId :
PB85943BS

Tot Ion:138 Resp: 121933
Ion Ratio Lower Upper
138 100
92 44.4 12.6 52.6
108 63.6 12.4 52.4#

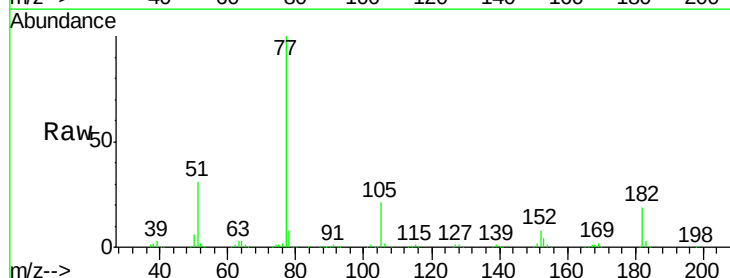


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

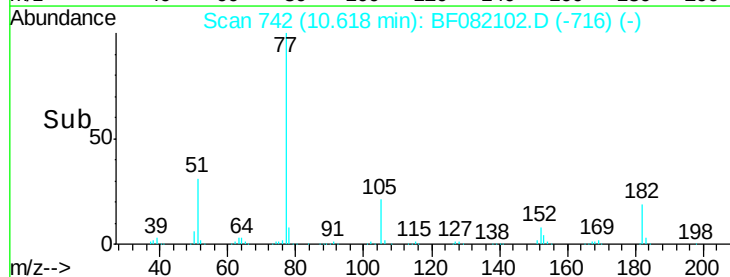
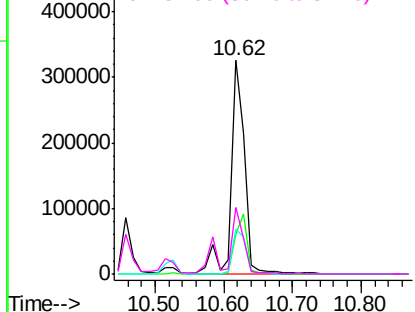


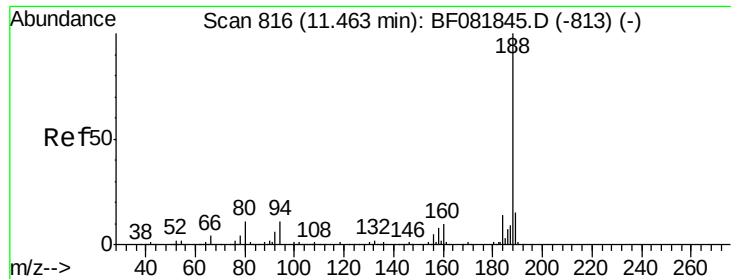
#62
Azobenzene
Concen: 44.30 ng
RT: 10.62 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion: 77 Resp: 448103
Ion Ratio Lower Upper
77 100
182 18.5 15.1 55.1
105 21.1 3.4 43.4
51 31.1 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: 11.41 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

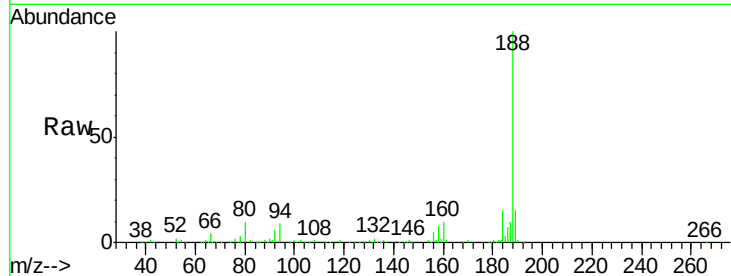
Tot Ion:188 Resp: 328341

Ion Ratio Lower Upper

188 100

94 9.5 11.1 16.7#

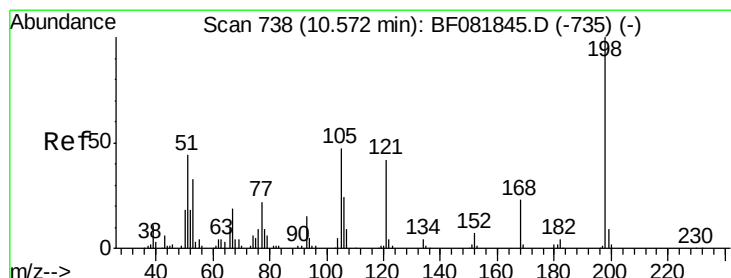
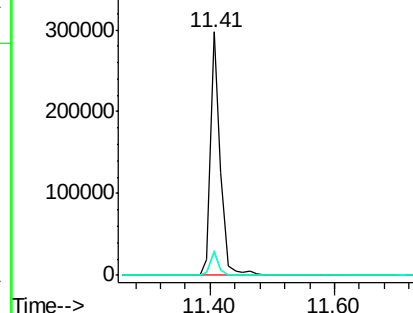
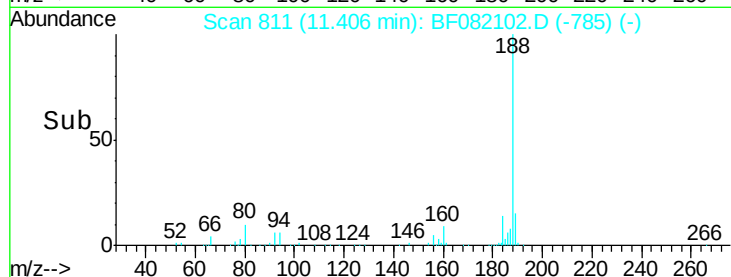
80 10.2 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.58 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

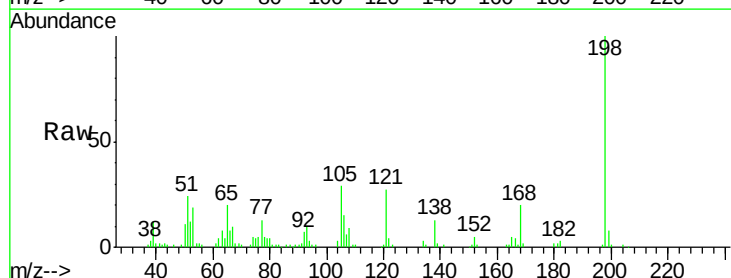
Tgt Ion:198 Resp: 74443

Ion Ratio Lower Upper

198 100

51 24.3 39.6 79.6#

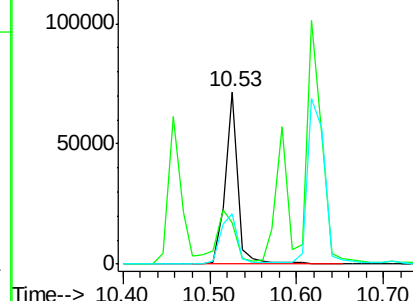
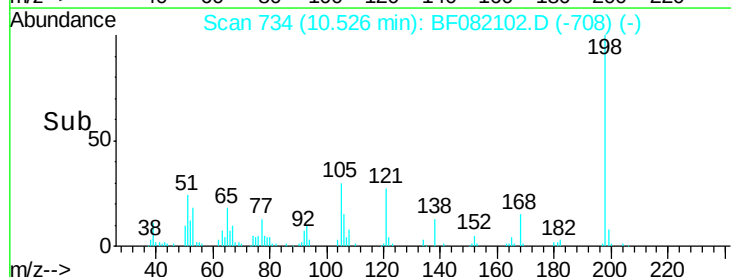
105 29.5 28.5 68.5

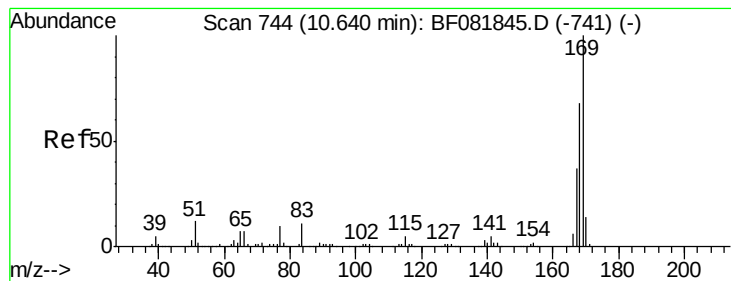


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

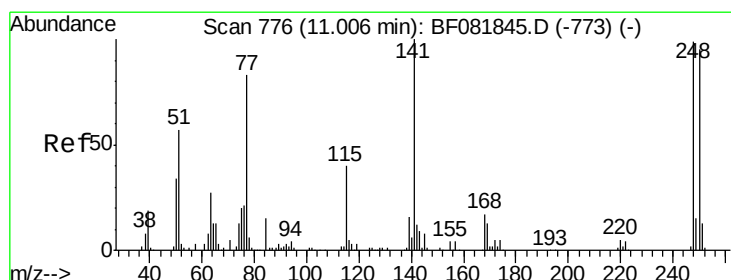
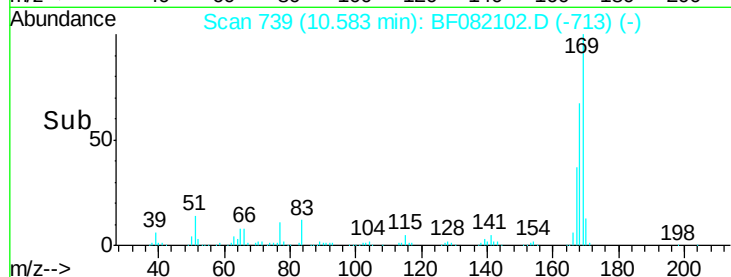
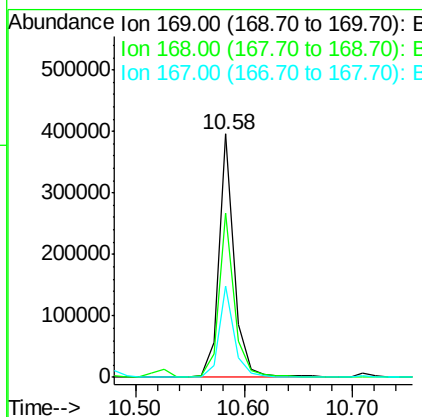
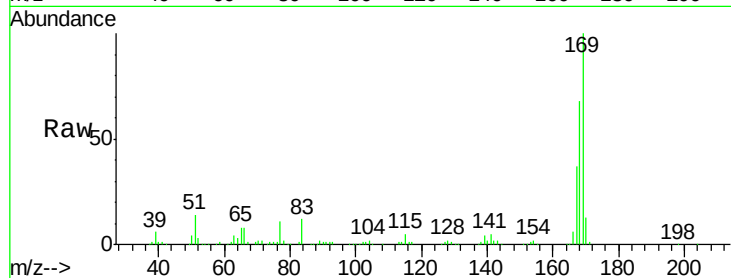




#65
n-Nitrosodiphenylamine
Concen: 39.52 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

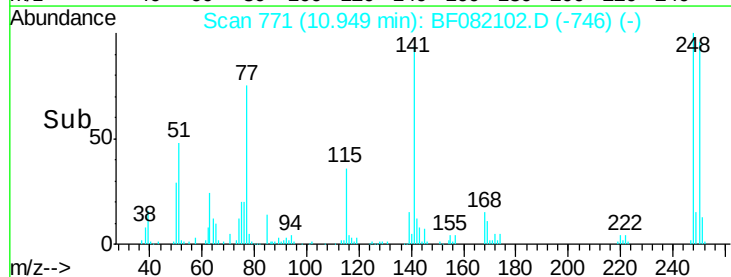
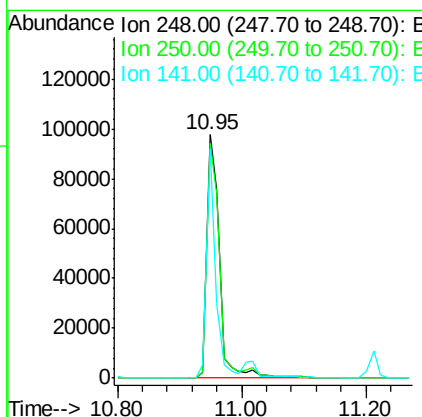
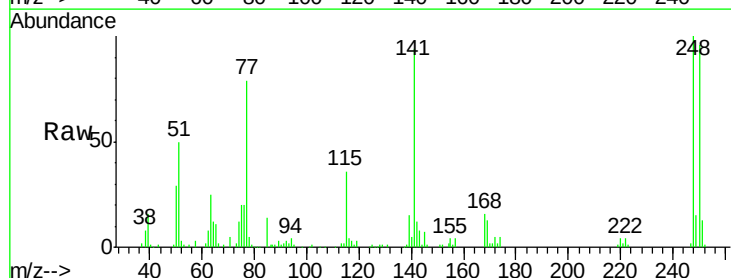
Instrument :
BNA_F
ClientSampleId :
PB85943BS

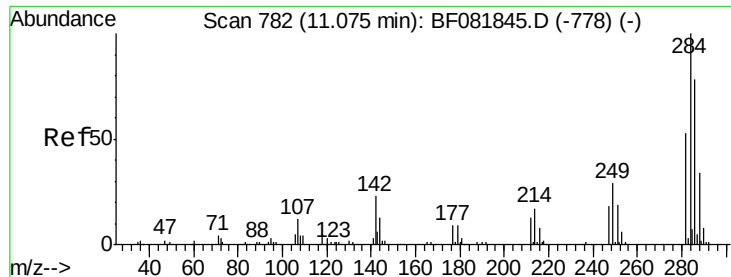
Tot Ion:169 Resp: 392633
Ion Ratio Lower Upper
169 100
168 67.7 48.9 73.3
167 37.4 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 41.93 ng
RT: 10.95 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion:248 Resp: 138826
Ion Ratio Lower Upper
248 100
250 96.4 78.5 117.7
141 94.3 59.0 88.6#





#67

Hexachlorobenzene

Concen: 40.32 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

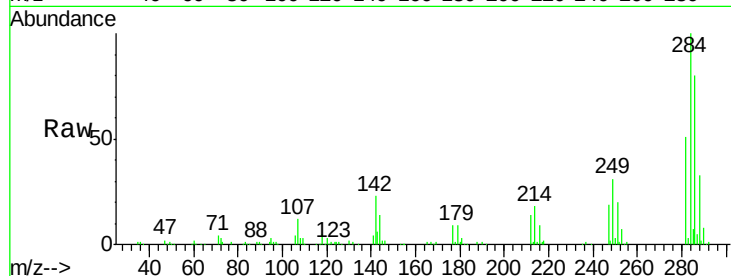
Tot Ion:284 Resp: 150657

Ion Ratio Lower Upper

284 100

142 22.6 29.5 44.3#

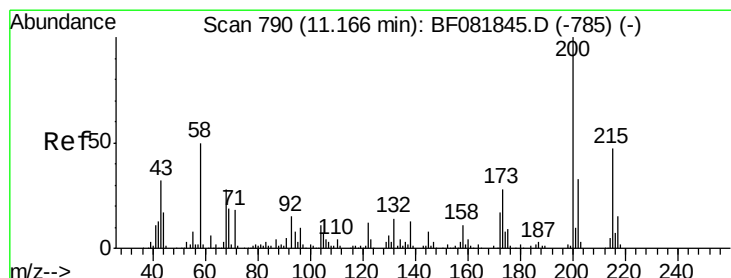
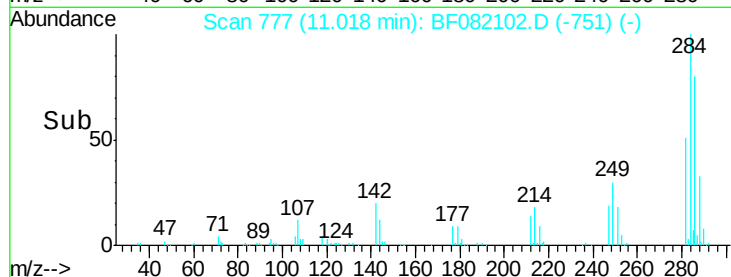
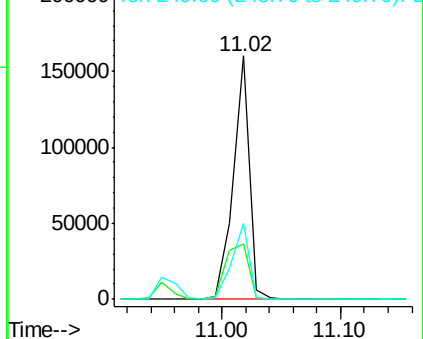
249 31.4 19.5 29.3#



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: 41.00 ng

RT: 11.11 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

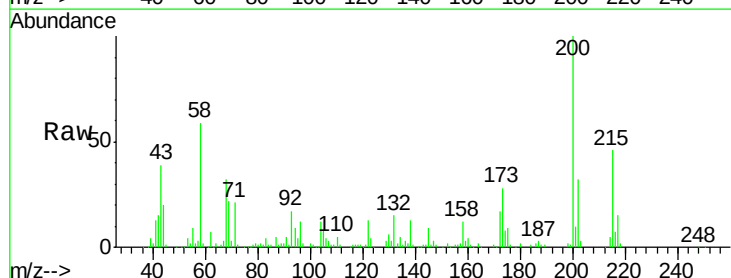
Tgt Ion:200 Resp: 126375

Ion Ratio Lower Upper

200 100

173 27.7 13.2 53.2

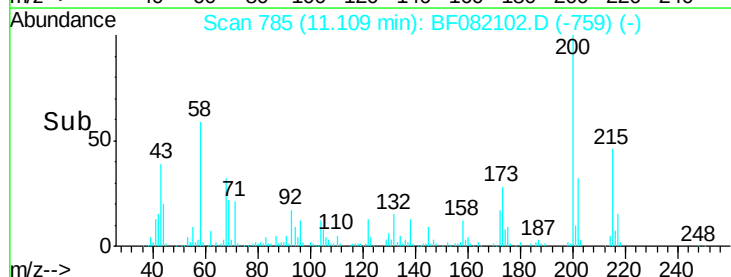
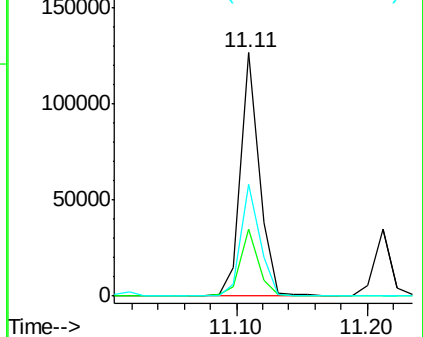
215 45.7 41.8 81.8

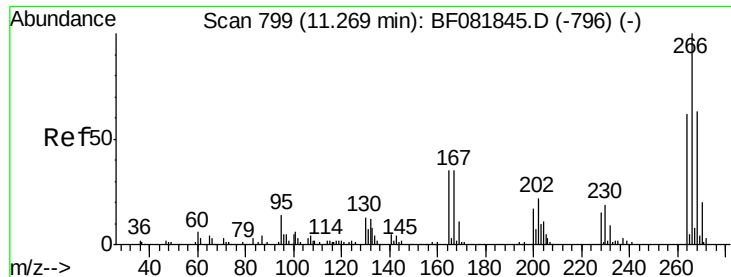


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

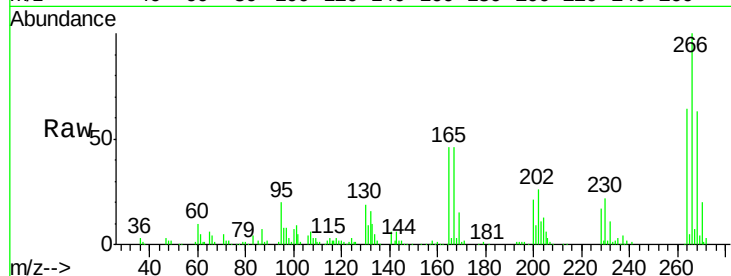




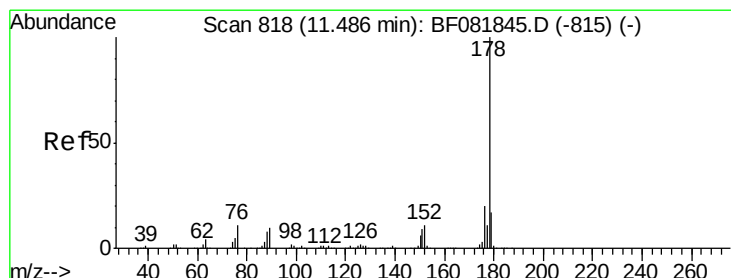
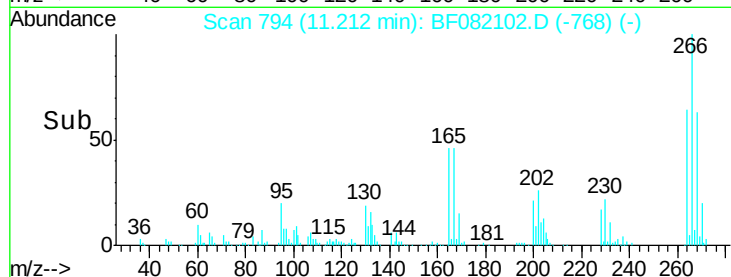
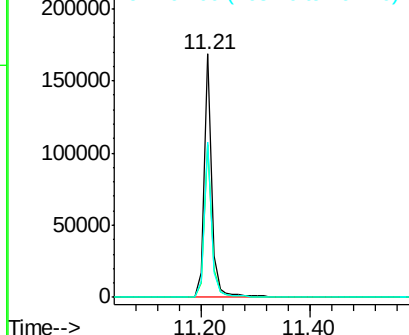
#69
 Pentachlorophenol
 Concen: 76.29 ng
 RT: 11.21 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Tot Ion:266 Resp: 162402
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.8 74.6
 264 63.7 50.2 75.2

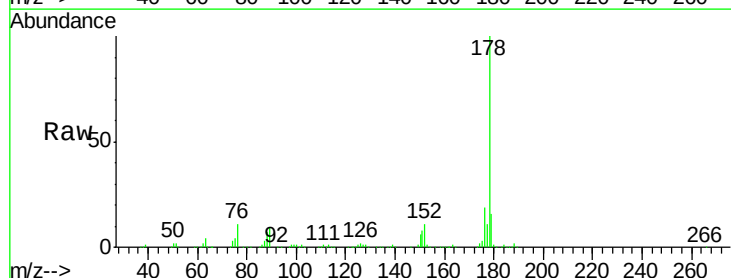


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

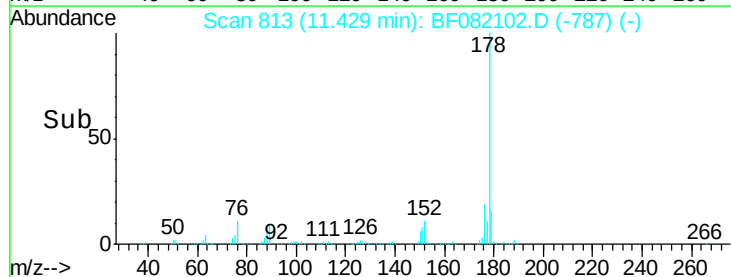
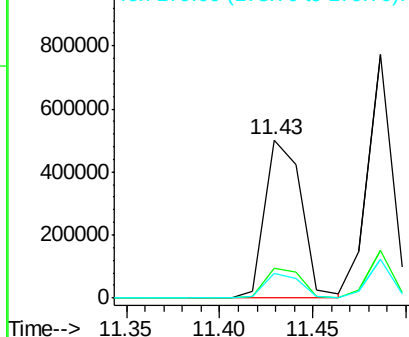


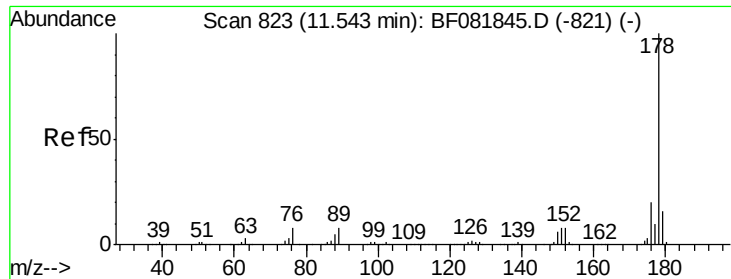
#70
 Phenanthrene
 Concen: 42.91 ng
 RT: 11.43 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion:178 Resp: 679213
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 15.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

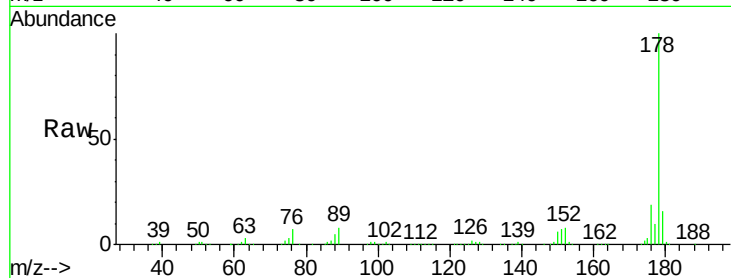




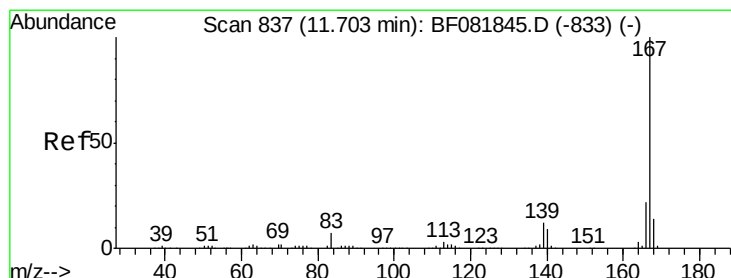
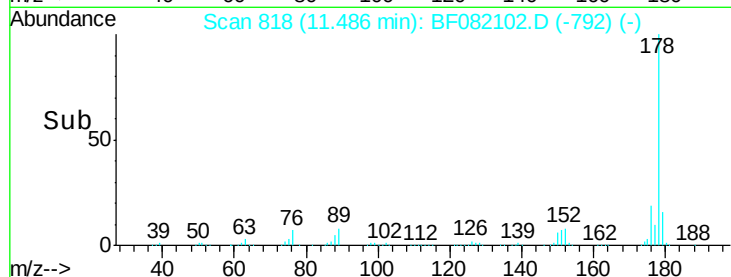
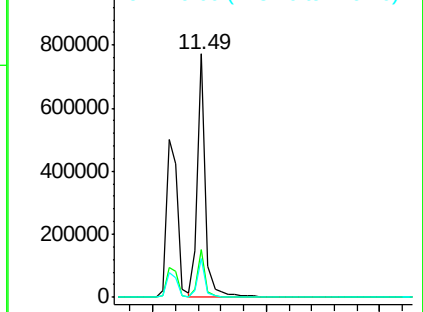
#71
 Anthracene
 Concen: 45.36 ng
 RT: 11.49 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Tot Ion:178 Resp: 757054
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.1 21.1
 179 15.7 12.2 18.2

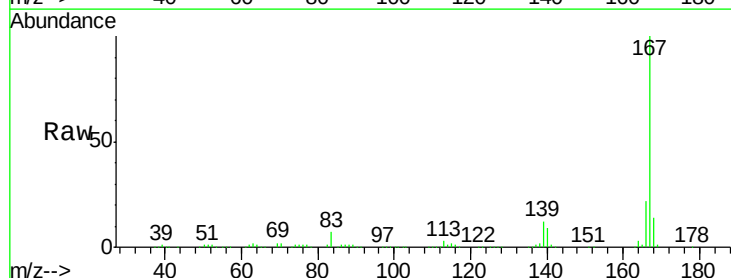


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

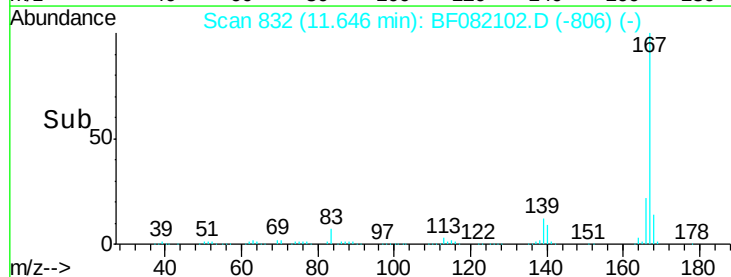
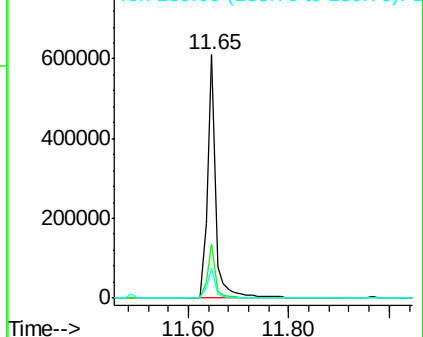


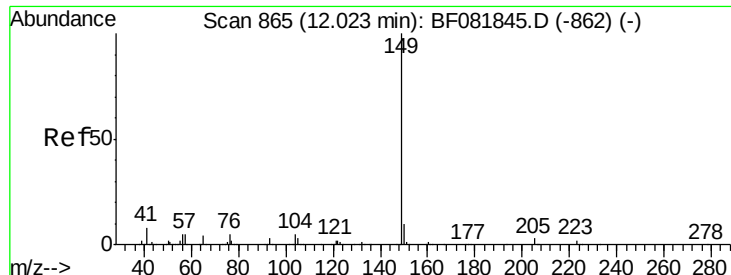
#72
 Carbazole
 Concen: 45.84 ng
 RT: 11.65 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion:167 Resp: 692340
 Ion Ratio Lower Upper
 167 100
 166 22.0 15.7 23.5
 139 12.3 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.21 ng

RT: 11.97 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

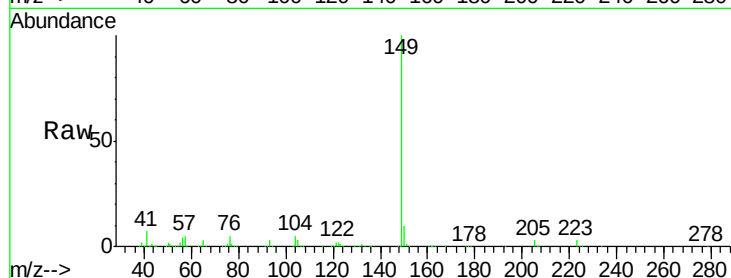
Tot Ion:149 Resp: 725283

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

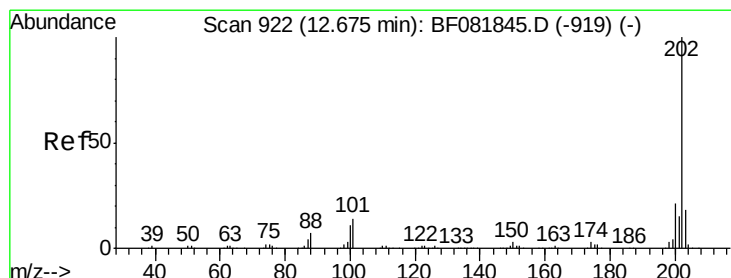
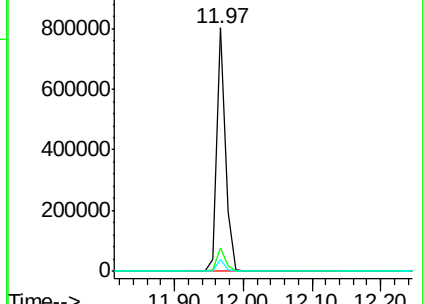
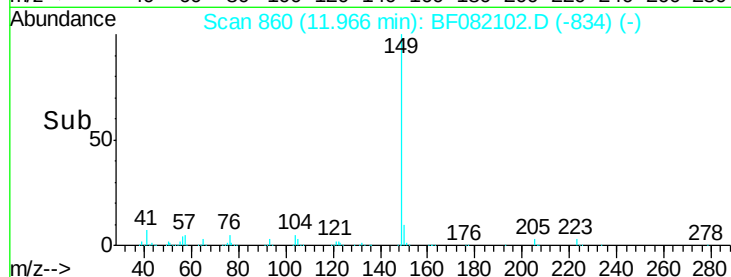
104 4.9 2.4 3.6#



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: 42.66 ng

RT: 12.62 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

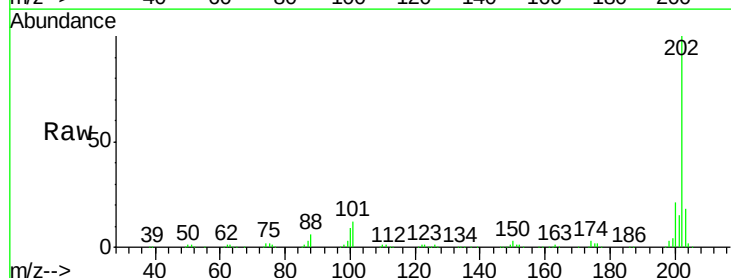
Tgt Ion:202 Resp: 750374

Ion Ratio Lower Upper

202 100

101 12.2 0.0 38.3

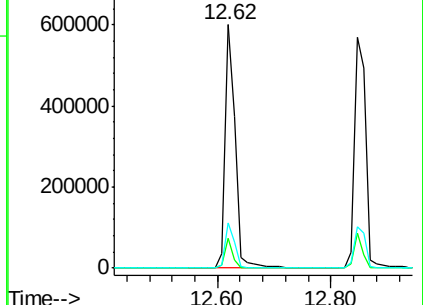
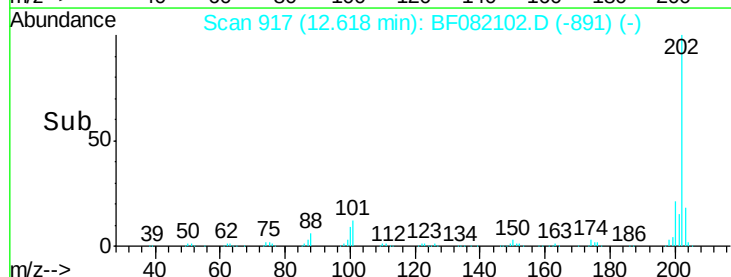
203 18.3 0.0 37.3

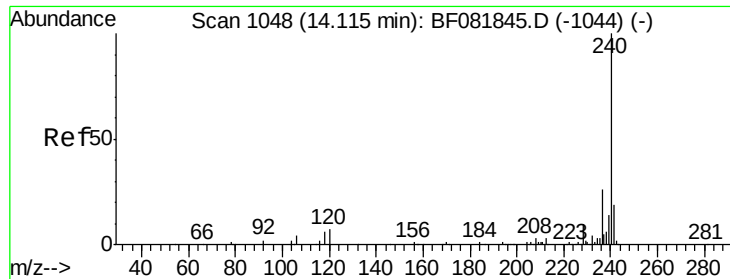


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

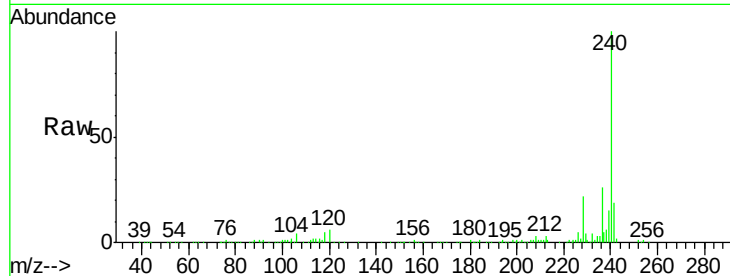
Tot Ion:240 Resp: 294441

Ion Ratio Lower Upper

240 100

120 5.8 16.2 24.2#

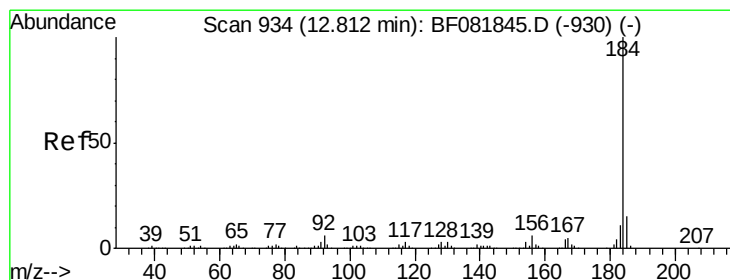
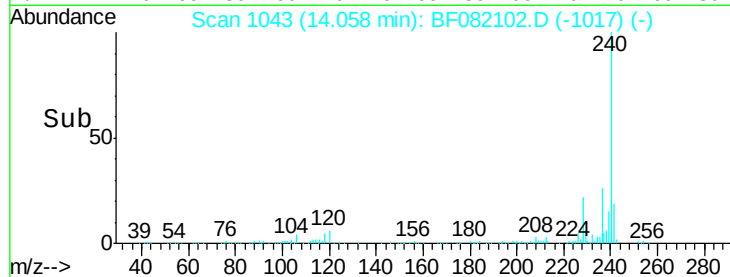
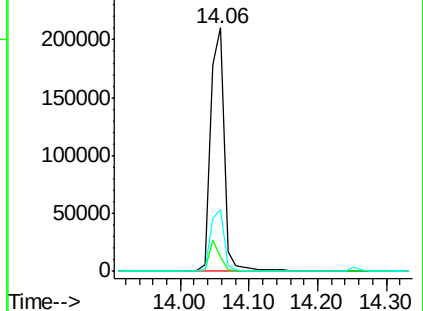
236 25.5 18.4 27.6



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: 39.25 ng

RT: 12.76 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

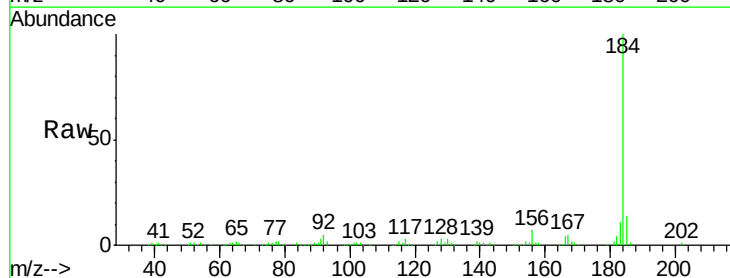
Tgt Ion:184 Resp: 348249

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

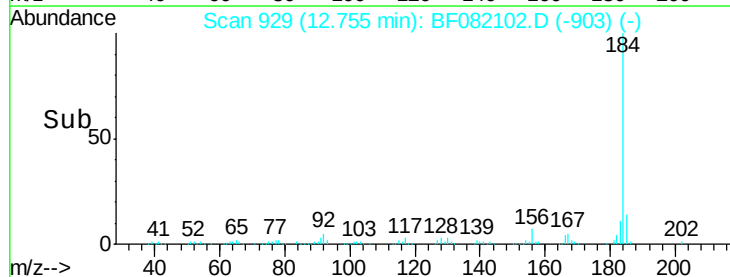
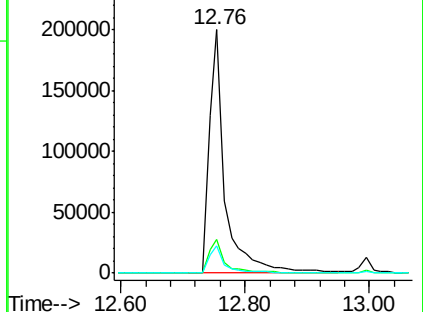
183 11.2 7.6 11.4

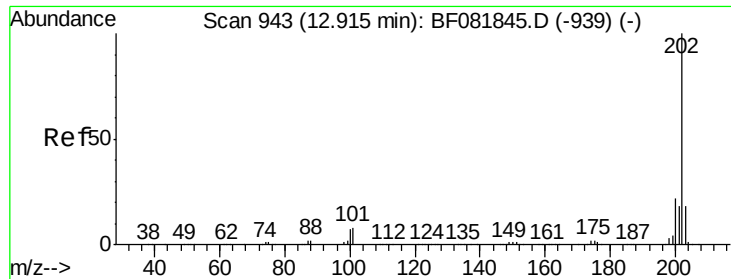


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

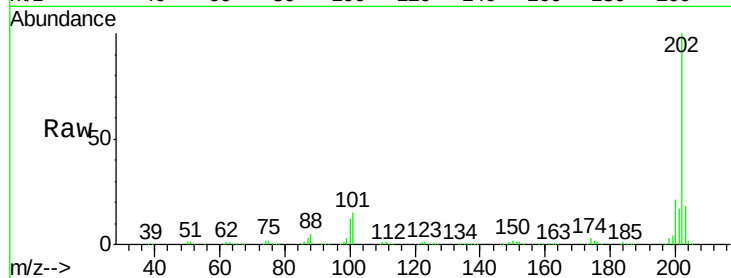




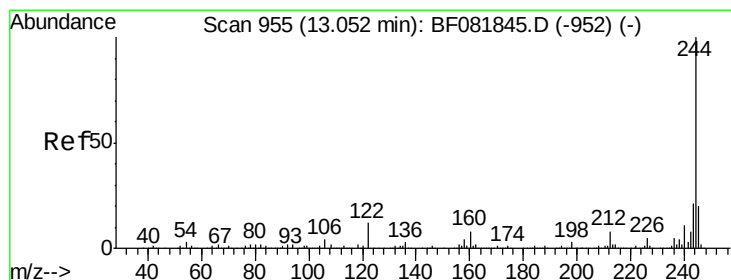
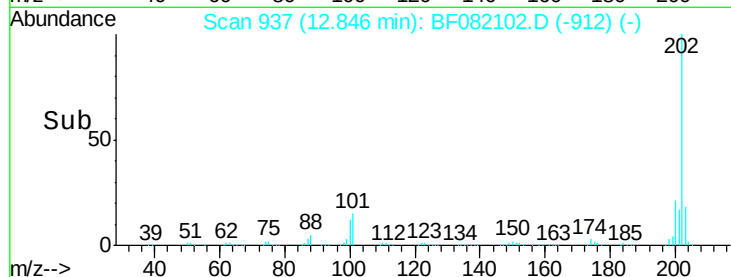
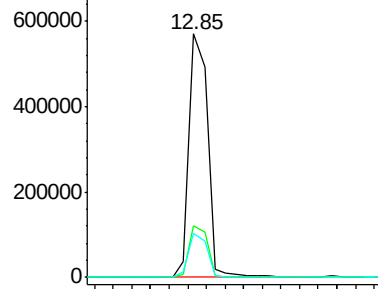
#77
Pvrene
Concen: 44.70 ng
RT: 12.85 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Instrument :
BNA_F
ClientSampleId :
PB85943BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	15.0	22.4
203	18.1	14.1	21.1

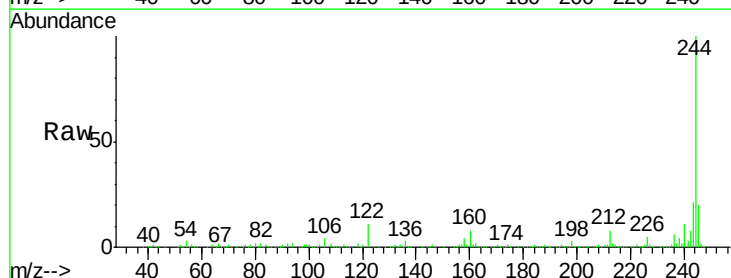


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

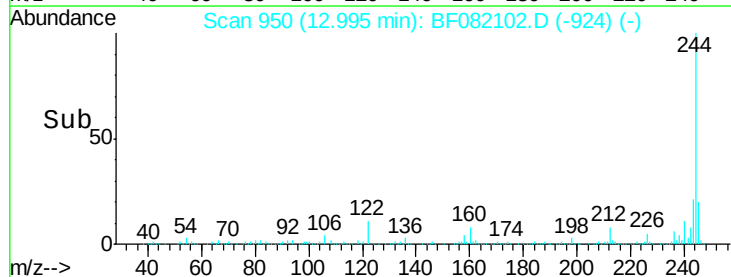
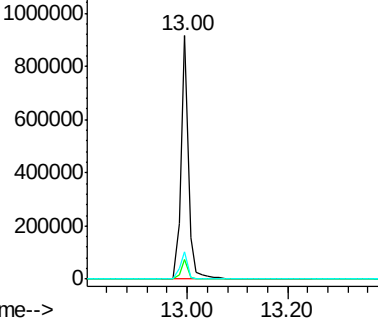


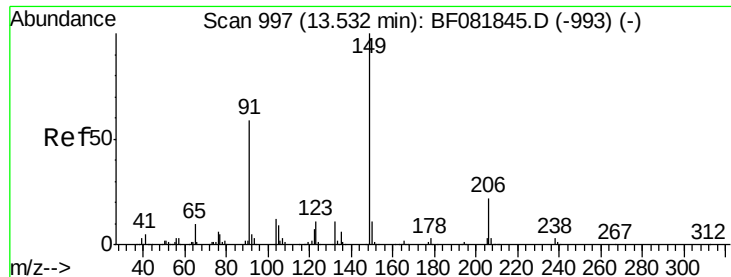
#78
Terphenyl-d14
Concen: 113.56 ng
RT: 13.00 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	11.3	17.4	26.2#



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

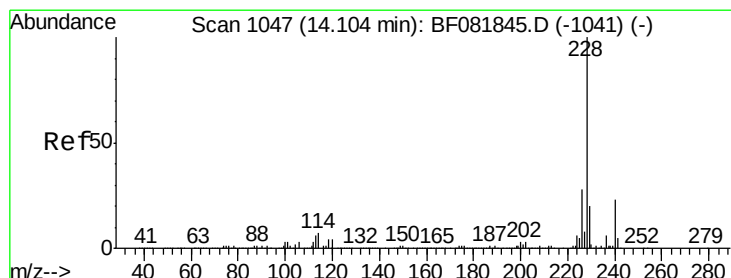
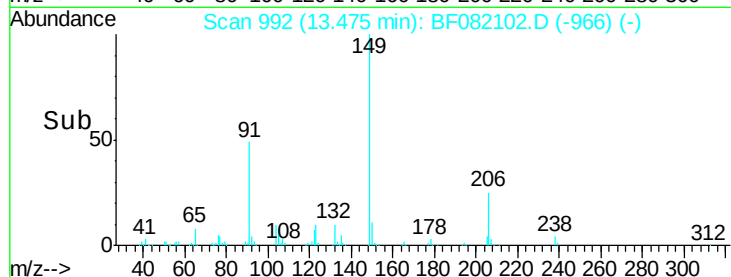
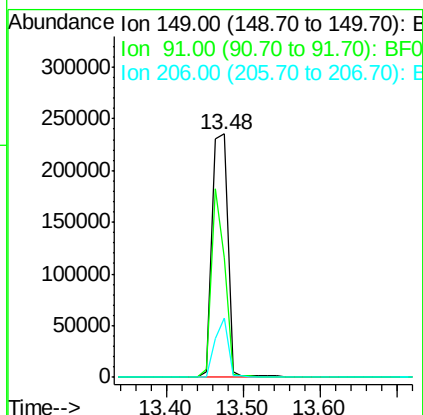
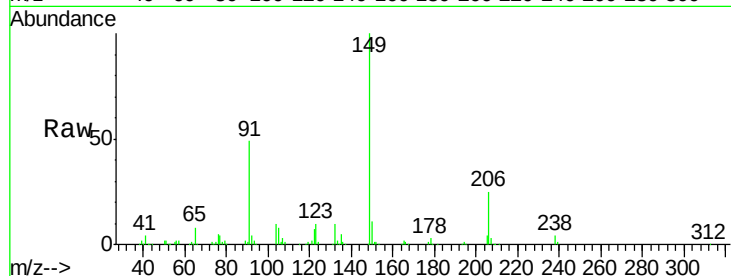




#79
Butylbenzylphthalate
Concen: 50.51 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

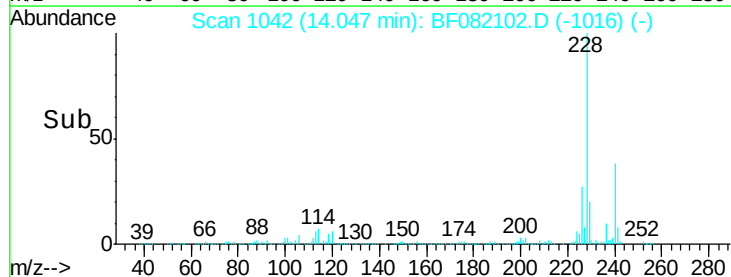
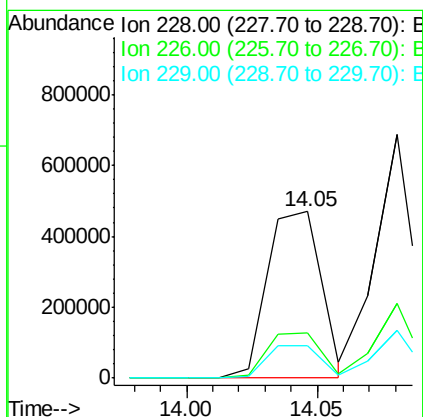
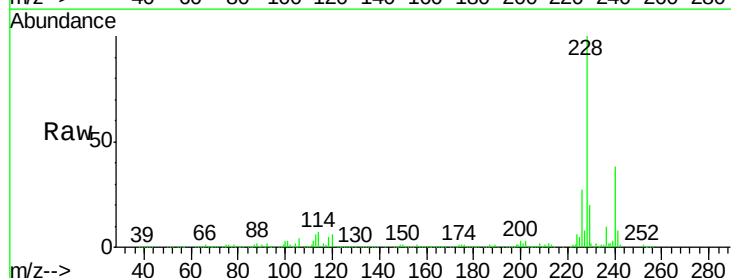
Instrument :
BNA_F
ClientSampleId :
PB85943BS

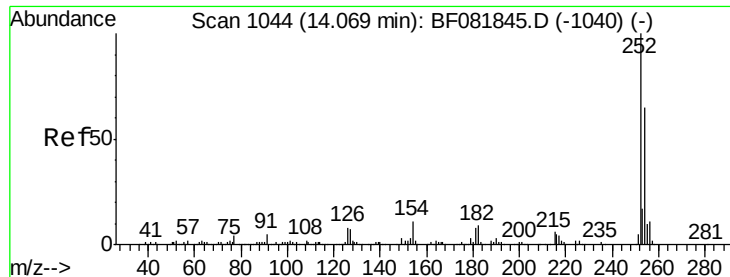
Tot Ion	Ratio	Lower	Upper
149	100		
91	49.3	48.6	72.8
206	24.5	14.9	22.3



#80
Benzo(a)anthracene
Concen: 42.95 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.0	30.0
229	19.6	15.4	23.2

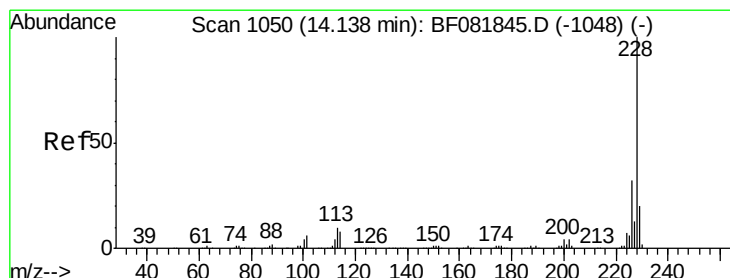
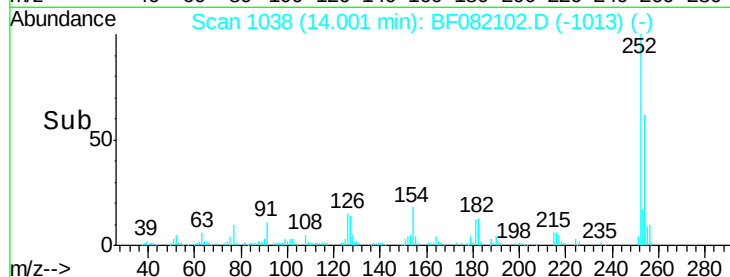
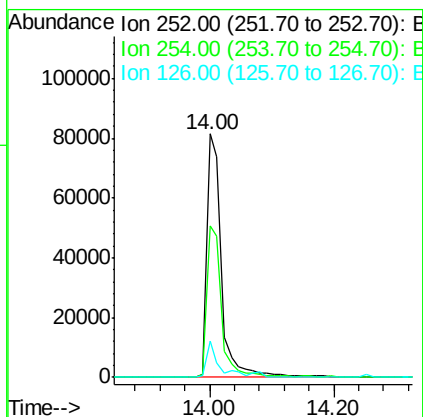
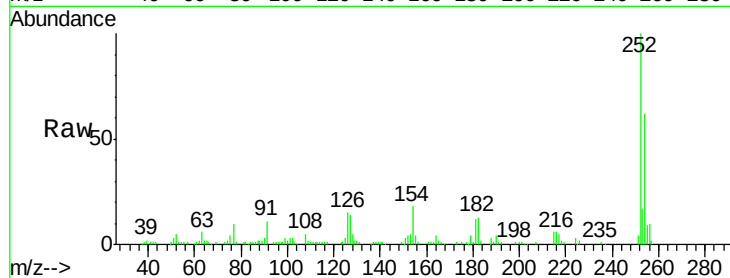




#81
 3,3'-Dichlorobenzidine
 Concen: 24.65 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

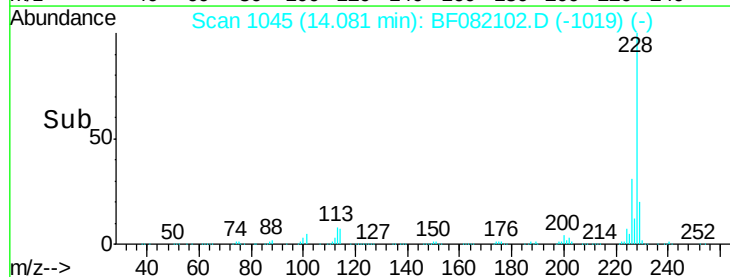
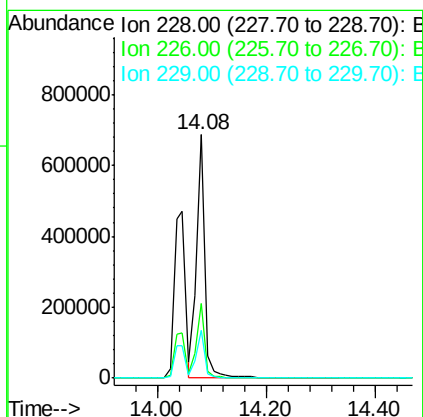
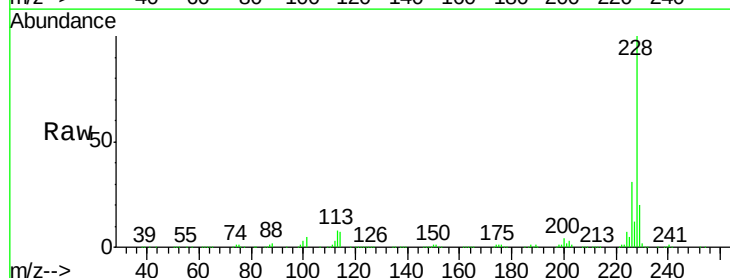
Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

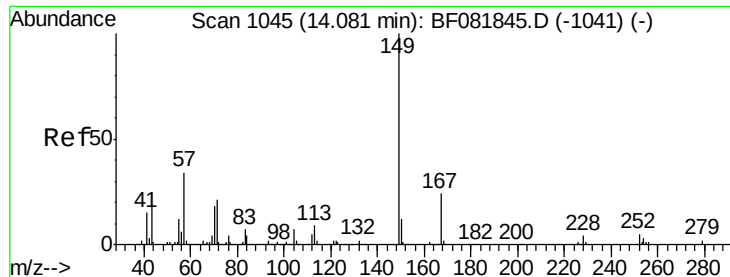
Tot Ion:252 Resp: 131998
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.4 77.2
 126 14.7 16.4 24.6#



#82
 Chrysene
 Concen: Below Cal
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Tgt Ion:228 Resp: 721451
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.0 31.4
 229 19.7 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.68 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

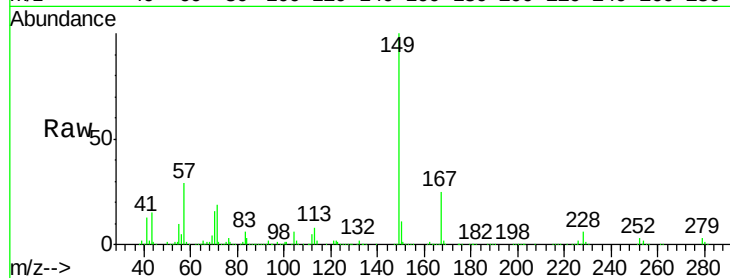
Tot Ion:149 Resp: 429084

Ion Ratio Lower Upper

149 100

167 25.5 24.2 36.2

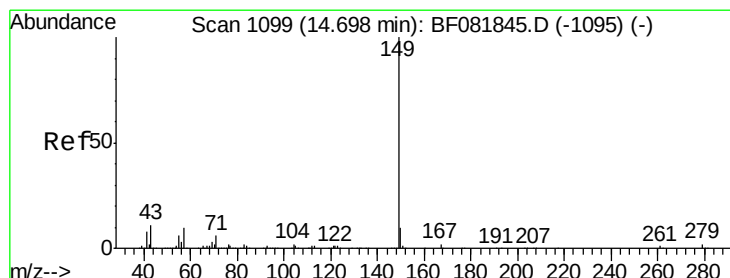
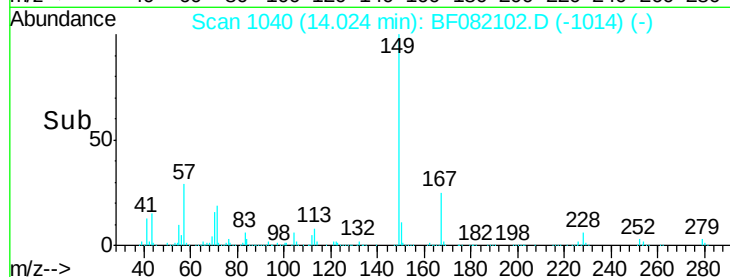
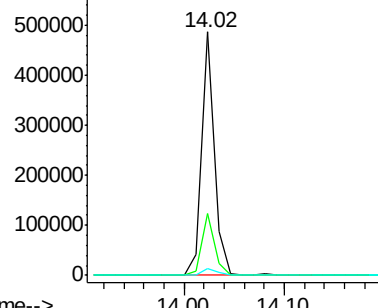
279 2.6 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.48 ng

RT: 14.64 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

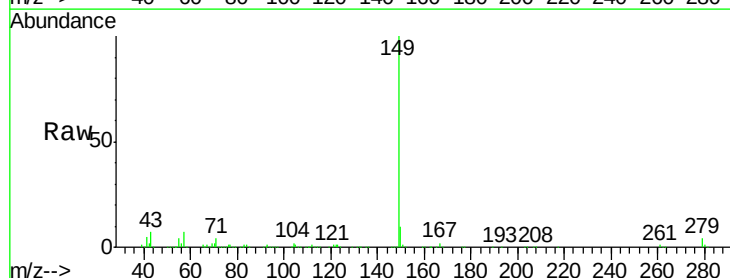
Tgt Ion:149 Resp: 682104

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

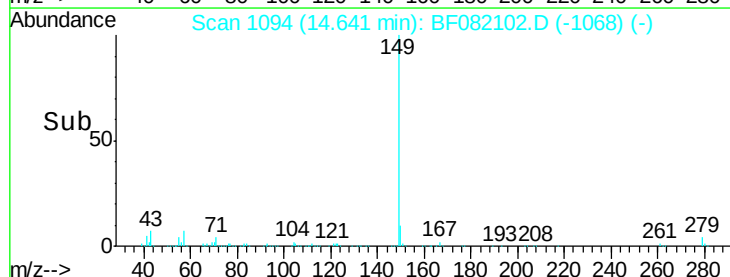
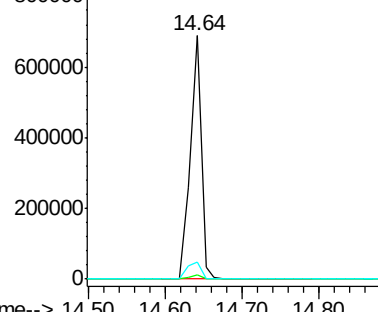
43 8.8 10.2 15.2#

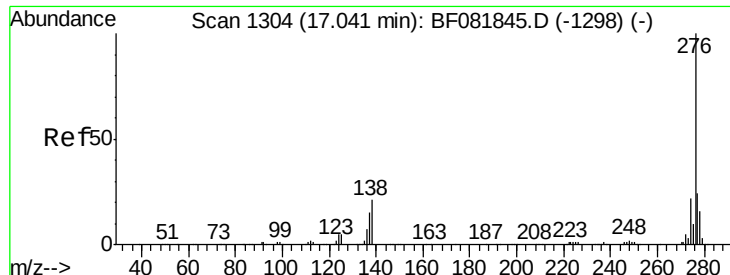


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

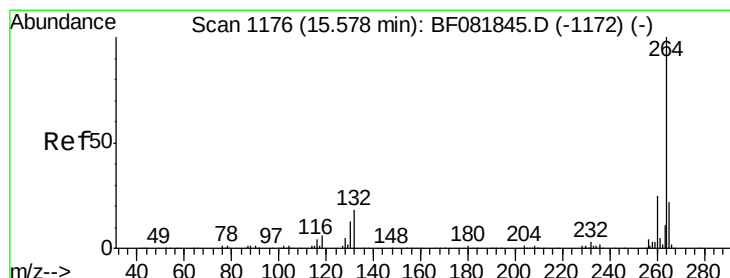
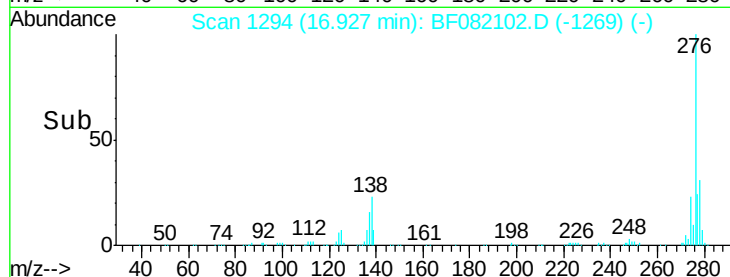
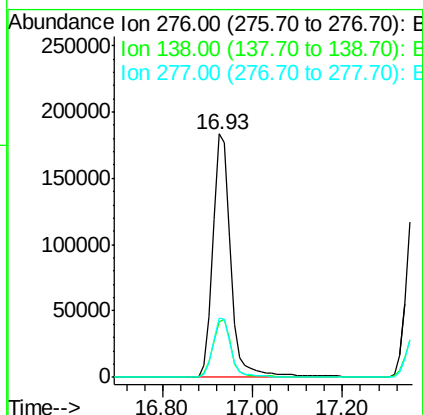
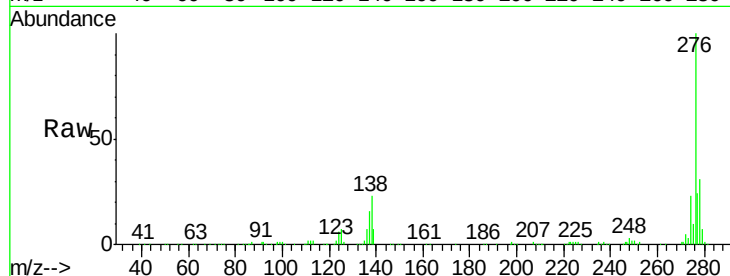




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.24 ng
RT: 16.93 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

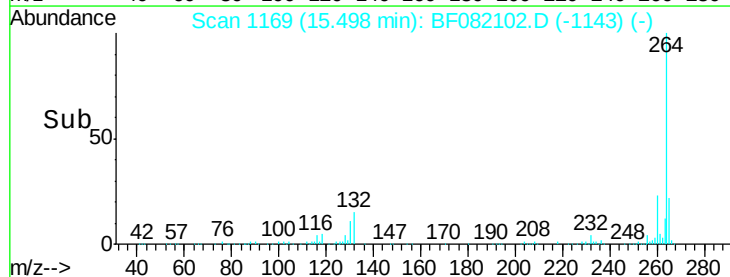
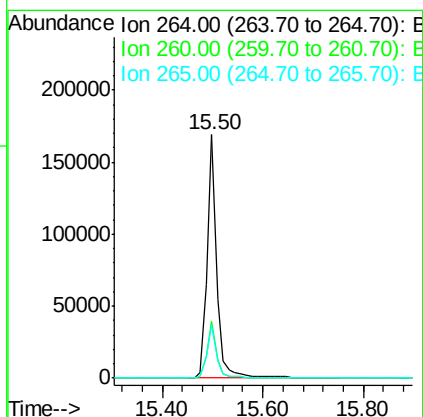
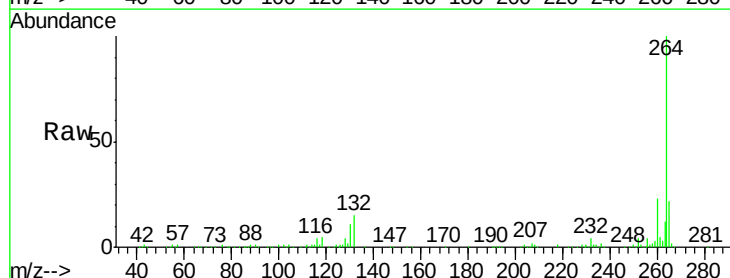
Instrument :
BNA_F
ClientSampleId :
PB85943BS

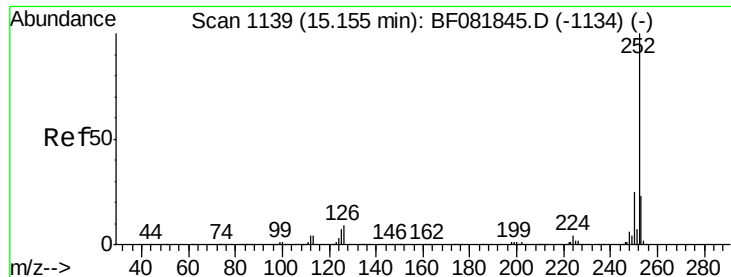
Tot Ion:276 Resp: 511486
Ion Ratio Lower Upper
276 100
138 24.4 25.7 38.5#
277 24.7 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion:264 Resp: 226378
Ion Ratio Lower Upper
264 100
260 23.4 16.7 25.1
265 21.7 17.2 25.8

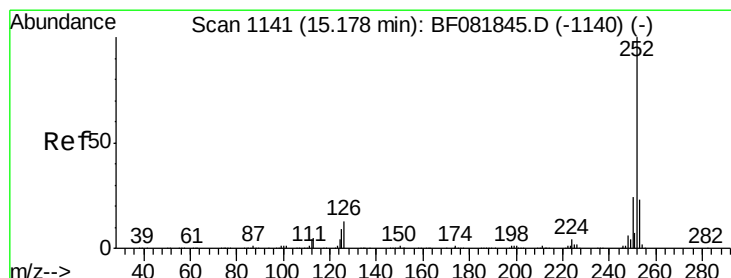
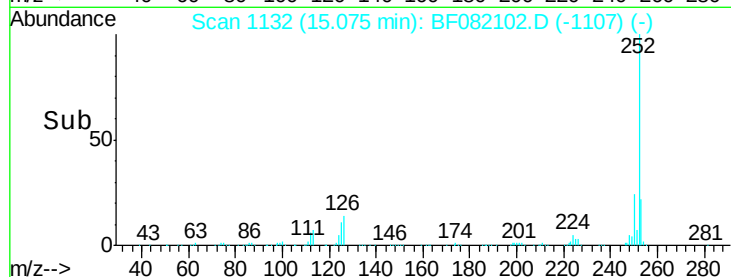
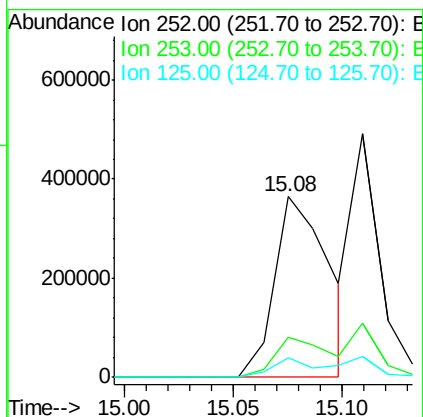
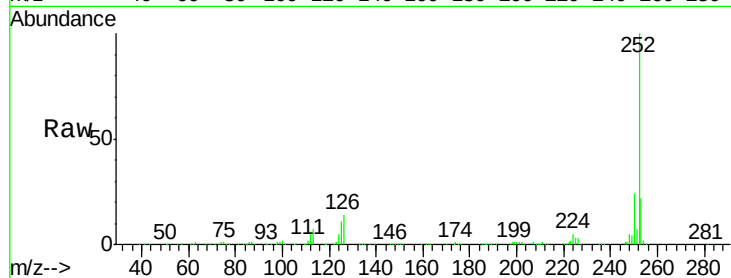




#87
Benzo(b)fluoranthene
Concen: 49.24 ng
RT: 15.08 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

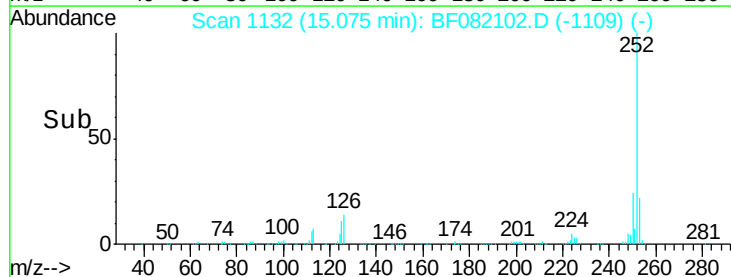
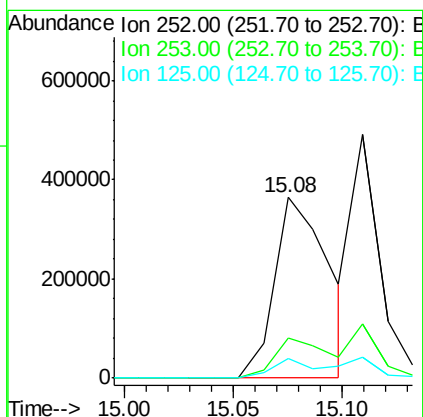
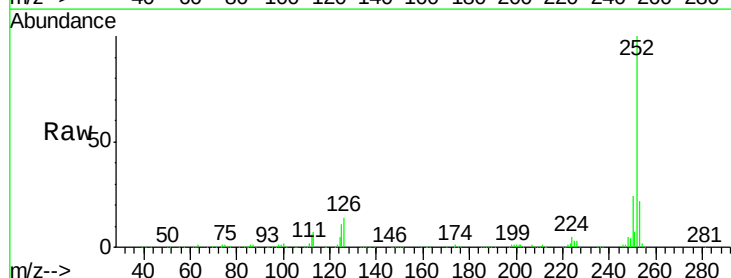
Instrument :
BNA_F
ClientSampleId :
PB85943BS

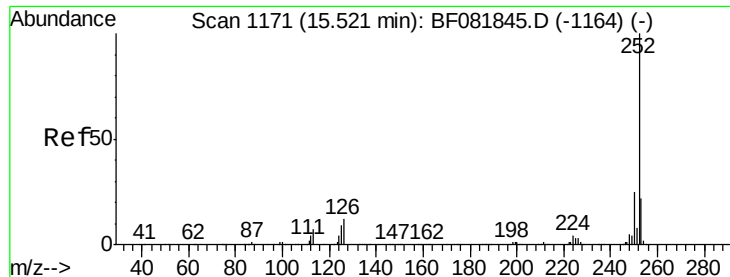
Tot Ion:252 Resp: 636403
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 53.72 ng
RT: 15.08 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BF082102.D
Acq: 7 Oct 2015 12:27

Tgt Ion:252 Resp: 636403
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 10.8 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 46.12 ng

RT: 15.44 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

Instrument :

BNA_F

ClientSampleId :

PB85943BS

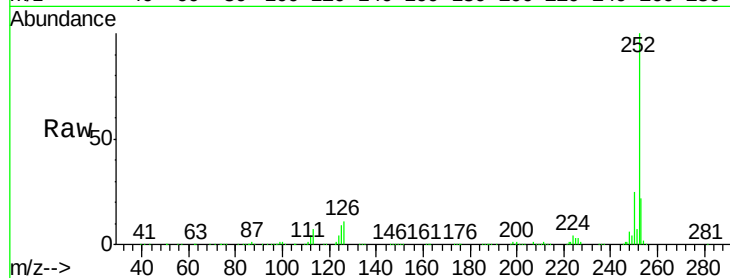
Tot Ion:252 Resp: 517108

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

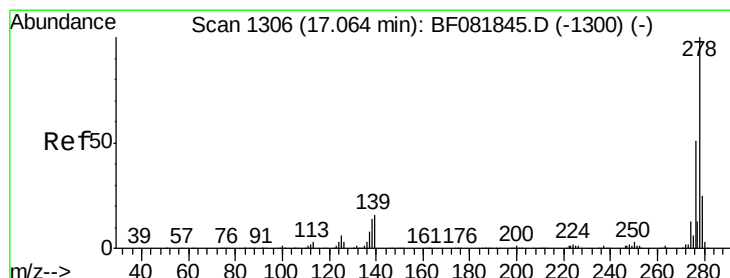
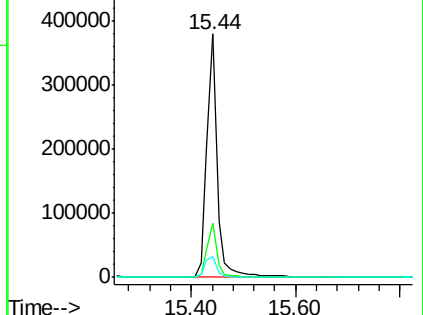
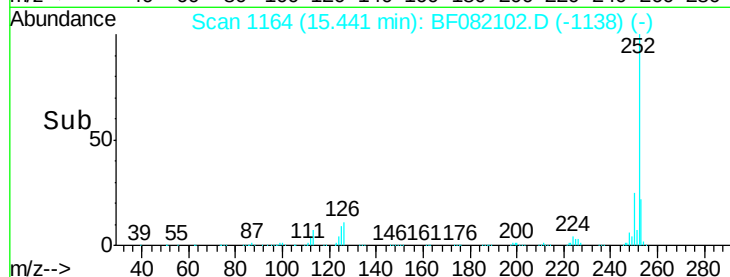
125 8.6 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.31 ng

RT: 16.95 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF082102.D

Acq: 7 Oct 2015 12:27

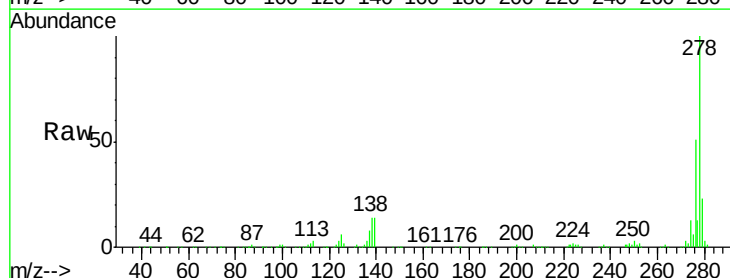
Tgt Ion:278 Resp: 426163

Ion Ratio Lower Upper

278 100

139 14.0 26.3 39.5#

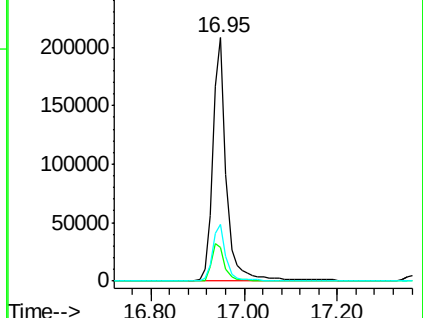
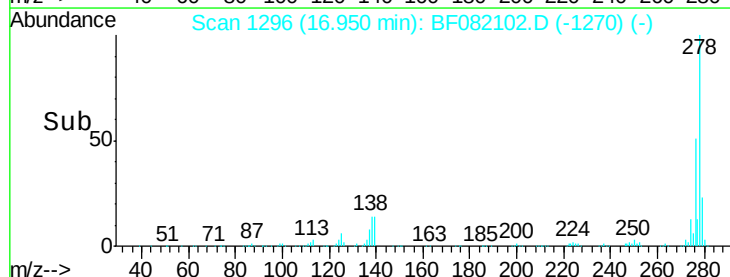
279 23.4 18.2 27.4

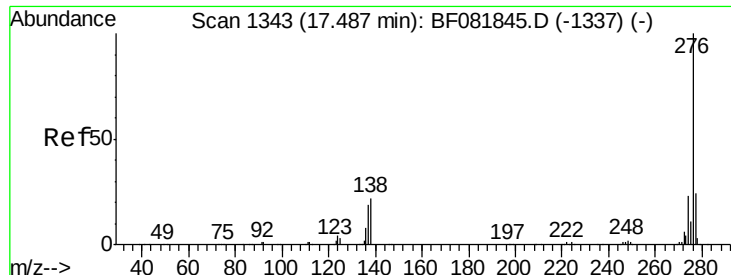


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

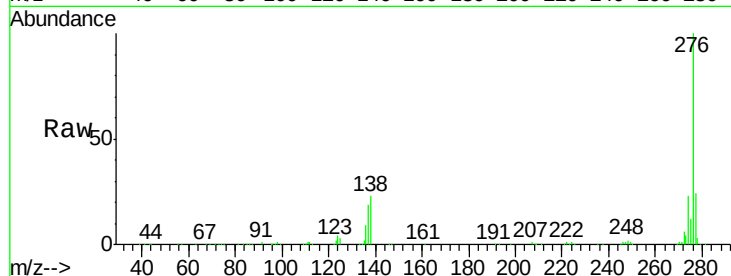




#91
 Benzo(a,h,i)perylene
 Concen: 44.60 ng
 RT: 17.36 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF082102.D
 Acq: 7 Oct 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	22.8	34.6	51.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

