

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081086.D
 Acq On : 19 Aug 2015 17:46
 Operator : UM/IZ
 Sample : PB85071BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:47:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	65024	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	267906	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	116341	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	246656	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	226170	20.00	ng	-0.04
86) Perylene-d12	15.04	264	189148	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	57676	13.34	ng	-0.03
7) Phenol-d6	6.22	99	76979	13.65	ng	-0.04
23) Nitrobenzene-d5	7.14	82	45279	7.72	ng	-0.04
41) 2,4,6-Tribromophenol	10.40	330	14039	13.92	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	90559	10.20	ng	-0.04
78) Terphenyl-d14	12.67	244	83077	7.87	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	7216	3.54	ng	95
3) Pyridine	2.72	79	21400	3.72	ng	91
4) n-Nitrosodimethylamine	2.62	42	10513	3.28	ng	# 72
6) Aniline	6.24	93	23897	2.91	ng	# 68
8) 2-Chlorophenol	6.37	128	19949	4.22	ng	84
9) Benzaldehyde	6.13	77	8577	2.36	ng	82
10) Phenol	6.24	94	27550	4.14	ng	82
11) bis(2-Chloroethyl)ether	6.32	93	22164	4.34	ng	89
12) 1,3-Dichlorobenzene	6.53	146	21096	4.15	ng	97
13) 1,4-Dichlorobenzene	6.61	146	21777	4.33	ng	95
14) 1,2-Dichlorobenzene	6.76	146	22191	4.71	ng	94
15) Benzyl Alcohol	6.73	79	19023	4.17	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	43834	4.36	ng	99
17) 2-Methylphenol	6.86	107	17123	4.22	ng	# 90
18) Hexachloroethane	7.10	117	9043	4.45	ng	96
19) n-Nitroso-di-n-propylamine	7.01	70	17562	4.49	ng	88
20) 3+4-Methylphenols	7.01	107	22451	4.36	ng	# 72
22) Acetophenone	7.00	105	28981	4.12	ng	# 96
24) Nitrobenzene	7.17	77	24379	3.98	ng	97
25) Isophorone	7.42	82	40788	3.73	ng	# 91
26) 2-Nitrophenol	7.49	139	9116	3.57	ng	96
27) 2,4-Dimethylphenol	7.54	122	18966	4.20	ng	90
28) bis(2-Chloroethoxy)methane	7.64	93	26682	4.13	ng	99
29) 2,4-Dichlorophenol	7.74	162	15353	4.04	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	18146	4.30	ng	98
31) Naphthalene	7.90	128	60977	4.08	ng	98
32) Benzoic acid	7.61	122	9423	3.71	ng	88
33) 4-Chloroaniline	7.94	127	18506	2.94	ng	98
34) Hexachlorobutadiene	8.02	225	9419	3.95	ng	95
35) Caprolactam	8.28	113	5185	3.91	ng	92
36) 4-Chloro-3-methylphenol	8.44	107	19788	4.37	ng	89
37) 2-Methylnaphthalene	8.58	142	41425	4.39	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	15637	4.17	ng	# 97
40) Hexachlorocyclopentadiene	8.74	237	13568	6.98	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	10260	3.87	nq	91
43) 2,4,5-Trichlorophenol	8.90	196	11666	4.40	nq	98
45) 1,1'-Biphenyl	9.05	154	48838	4.77	nq	99
46) 2-Chloronaphthalene	9.06	162	35195	4.28	nq	93
47) 2-Nitroaniline	9.17	65	14644	4.35	nq	# 85
48) Acenaphthylene	9.48	152	66196	4.49	nq	99
49) Dimethylphthalate	9.35	163	45018	4.70	nq	100
50) 2,6-Dinitrotoluene	9.41	165	8565	4.16	nq	# 68
51) Acenaphthene	9.65	154	41166	4.67	nq	99
52) 3-Nitroaniline	9.57	138	8689	3.38	nq	86
53) 2,4-Dinitrophenol	9.68	184	6481	9.29	nq	# 76
54) Dibenzofuran	9.82	168	57280	4.85	nq	96
55) 4-Nitrophenol	9.74	139	15780	8.73	nq	# 77
56) 2,4-Dinitrotoluene	9.81	165	12861	4.72	nq	# 91
57) Fluorene	10.16	166	45505	5.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	9315	4.54	nq	# 94
59) Diethylphthalate	10.05	149	46028	4.54	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	20701	5.38	nq	91
61) 4-Nitroaniline	10.17	138	10715	4.07	nq	92
62) Azobenzene	10.32	77	52669	4.51	nq	85
64) 4,6-Dinitro-2-methylphenol	10.21	198	5237	3.56	nq	94
65) n-Nitrosodiphenylamine	10.28	169	38785	4.41	nq	95
66) 4-Bromophenyl-phenylether	10.64	248	9873	4.07	nq	# 61
67) Hexachlorobenzene	10.70	284	9873	4.02	nq	# 70
68) Atrazine	10.80	200	11179	4.56	nq	98
69) Pentachlorophenol	10.90	266	9762	6.63	nq	97
70) Phenanthrene	11.11	178	65379	4.47	nq	99
71) Anthracene	11.16	178	63768	4.48	nq	98
72) Carbazole	11.32	167	60349	4.41	nq	97
73) Di-n-butylphthalate	11.67	149	76840	4.64	nq	99
74) Fluoranthene	12.29	202	71717	4.55	nq	97
76) Benzidine	12.41	184	28051	3.28	nq	99
77) Pyrene	12.51	202	68703	3.74	nq	98
79) Butylbenzylphthalate	13.16	149	28693	3.63	nq	98
80) Benzo(a)anthracene	13.69	228	64975	4.28	nq	97
81) 3,3'-Dichlorobenzidine	13.67	252	16158	3.29	nq	# 89
82) Chrysene	13.73	228	58192	4.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	48057	4.75	nq	# 95
84) Di-n-octyl phthalate	14.32	149	76668	4.98	nq	# 97
85) Indeno(1,2,3-cd)pyrene	16.24	276	45774	4.77	nq	# 94
87) Benzo(b)fluoranthene	14.71	252	105450	7.88	nq	99
88) Benzo(k)fluoranthene	14.71	252	105450	8.46	nq	# 96
89) Benzo(a)pyrene	14.99	252	51697	4.43	nq	# 96
90) Dibenzo(a,h)anthracene	16.25	278	37036	4.08	nq	# 92
91) Benzo(g,h,i)perylene	16.60	276	35854	3.89	nq	# 88

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

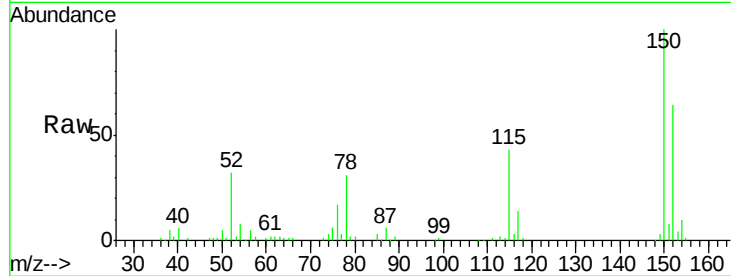


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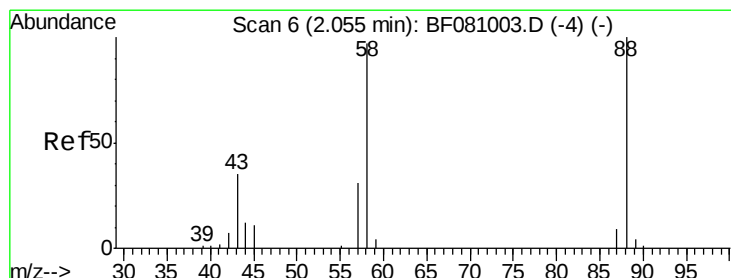
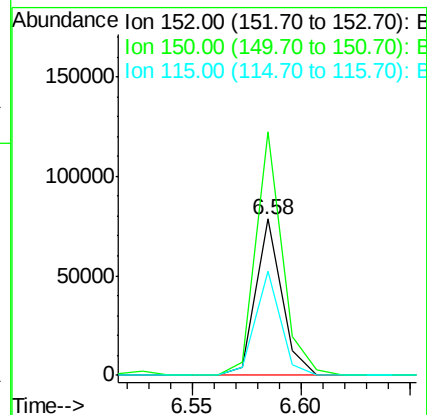
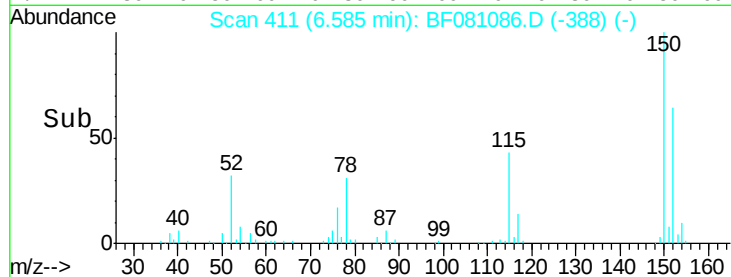
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65024
Ion Ratio Lower Upper
152 100
150 155.9 123.8 185.6
115 66.8 52.1 78.1



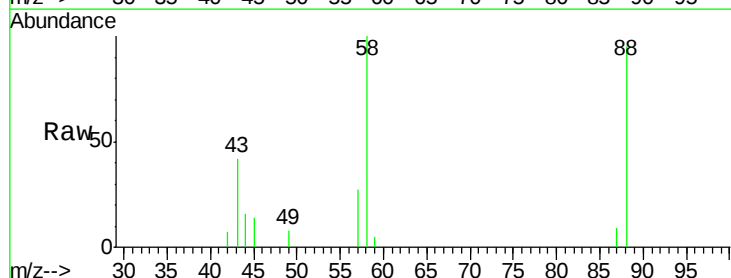
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



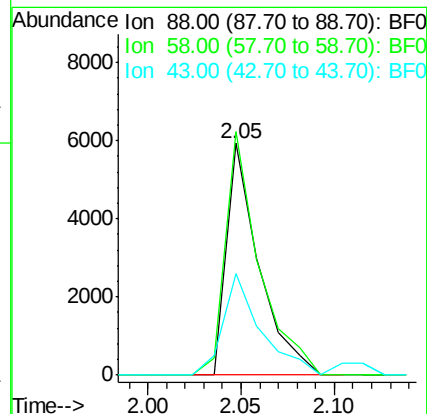
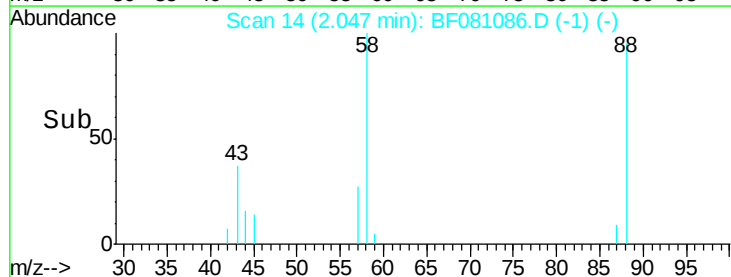
#2

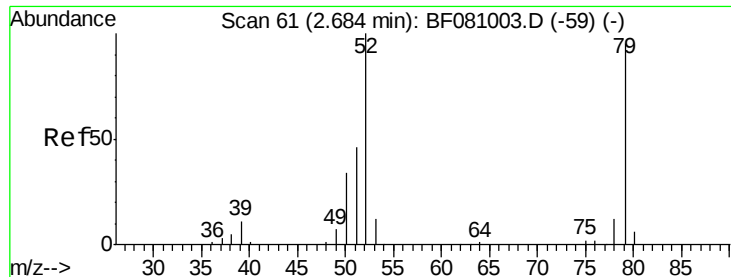
1,4-Dioxane
Concen: 3.54 ng
RT: 2.05 min Scan# 14
Delta R.T. -0.01 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion: 88 Resp: 7216
Ion Ratio Lower Upper
88 100
58 109.1 83.7 125.5
43 50.9 37.5 56.3



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: 3.72 ng

RT: 2.72 min Scan# 73

Delta R.T. 0.00 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

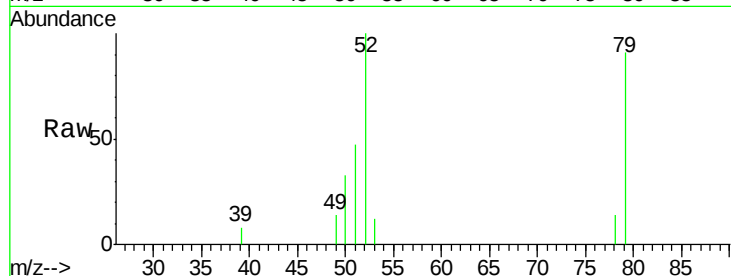
Tot Ion: 79 Resp: 21400

Ion Ratio Lower Upper

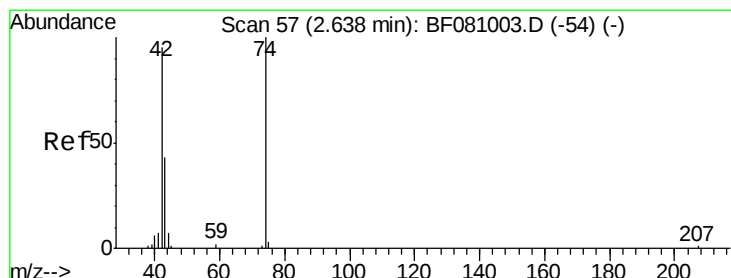
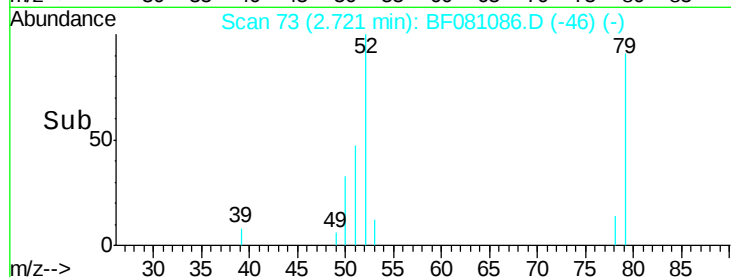
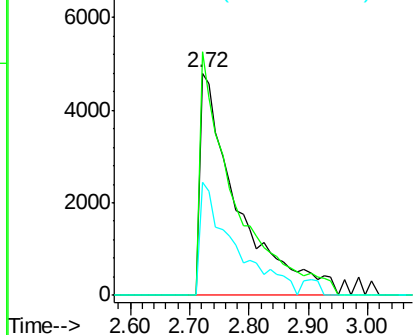
79 100

52 109.5 95.1 142.7

51 51.0 46.6 70.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 3.28 ng

RT: 2.62 min Scan# 64

Delta R.T. -0.01 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

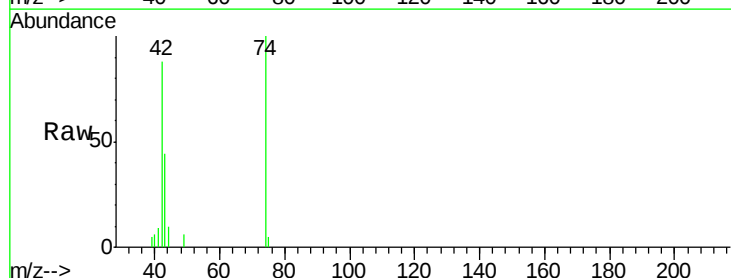
Tgt Ion: 42 Resp: 10513

Ion Ratio Lower Upper

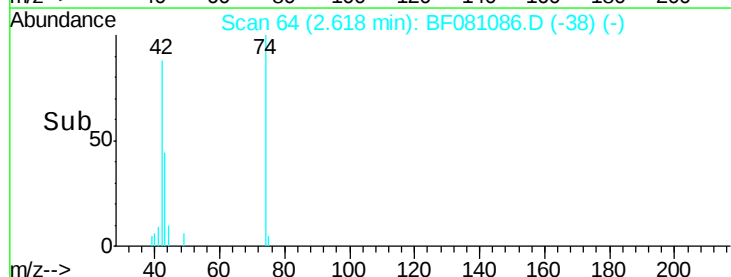
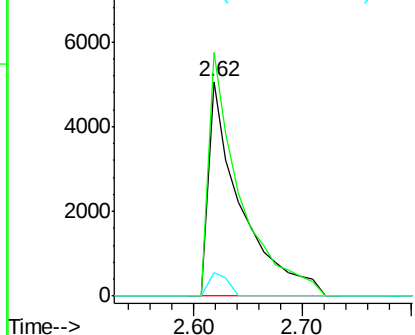
42 100

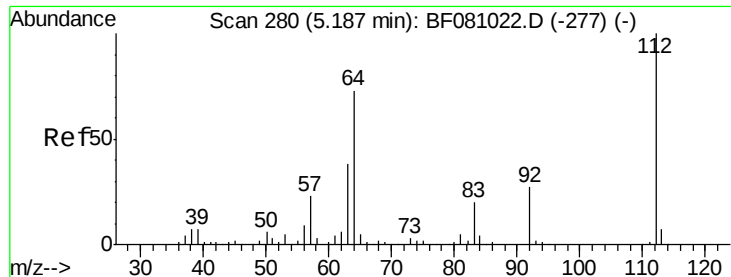
74 113.6 69.3 103.9#

44 11.0 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 13.34 ng

RT: 5.16 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

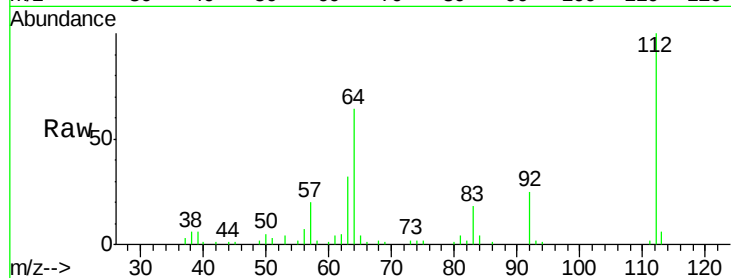
Tot Ion:112 Resp: 57676

Ion Ratio Lower Upper

112 100

64 64.4 66.9 100.3#

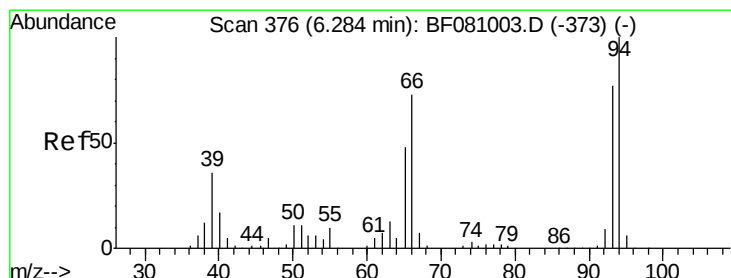
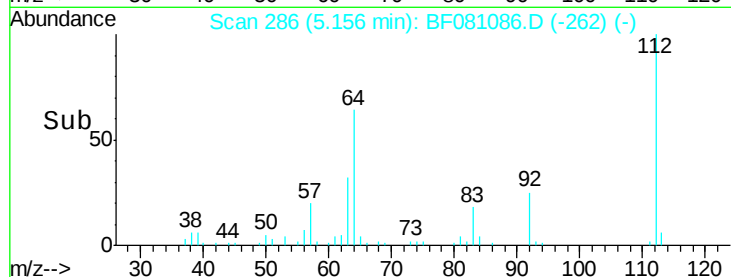
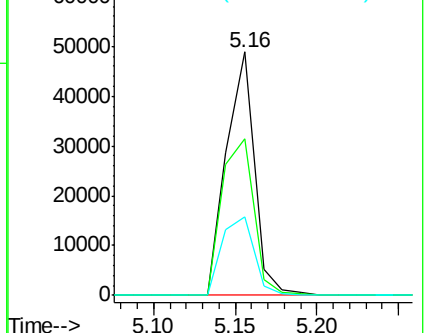
63 32.2 38.1 57.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.91 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

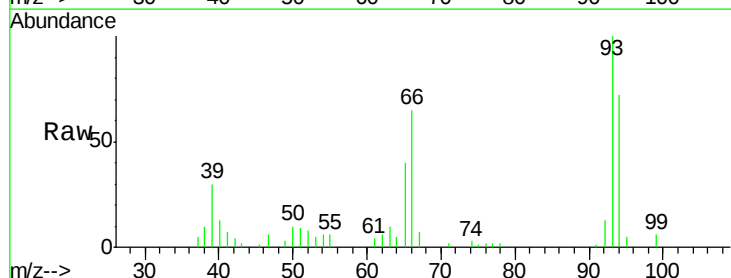
Tgt Ion: 93 Resp: 23897

Ion Ratio Lower Upper

93 100

66 65.0 35.6 53.4#

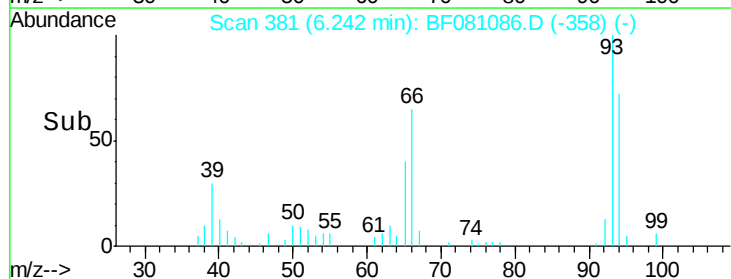
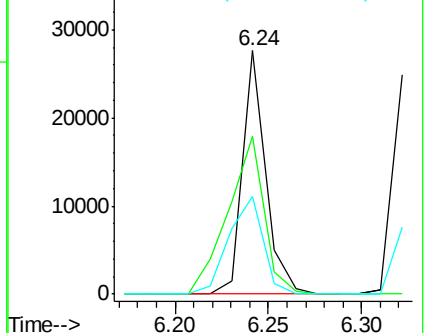
65 40.1 18.7 28.1#



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: 13.65 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampled :

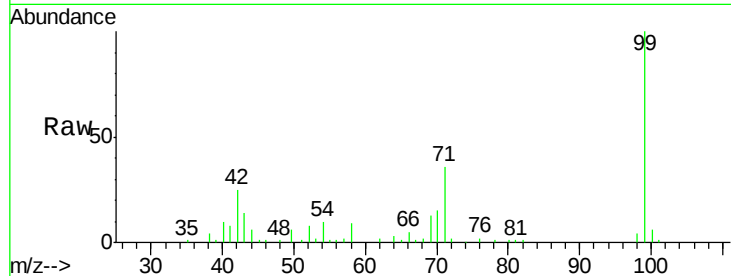
Tot Ion: 99 Resp: 76979

Ion Ratio Lower Upper

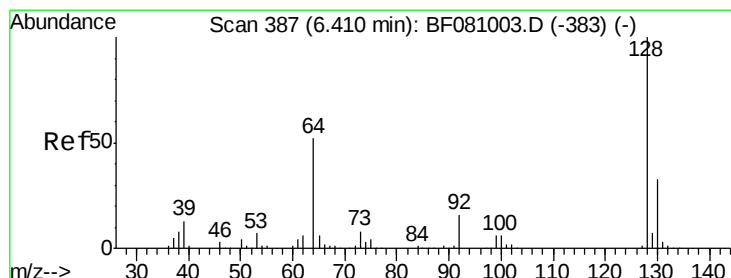
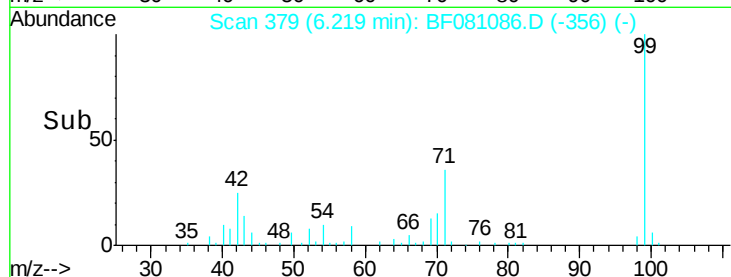
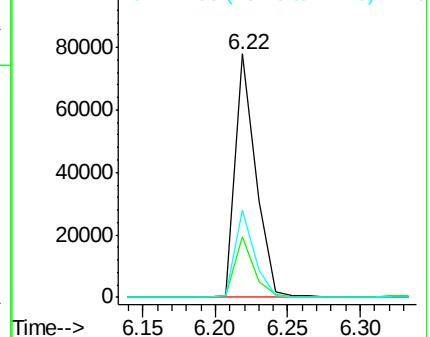
99 100

42 24.7 19.6 29.4

71 35.9 31.2 46.8



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



#8

2-Chlorophenol

Concen: 4.22 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

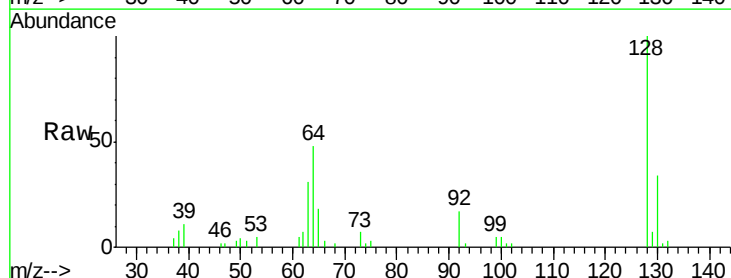
Tgt Ion: 128 Resp: 19949

Ion Ratio Lower Upper

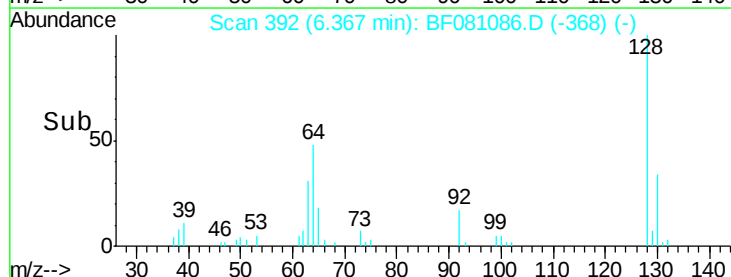
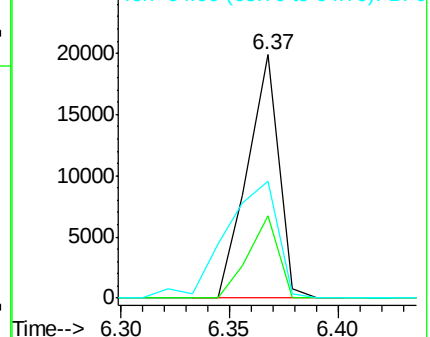
128 100

130 33.8 12.5 52.5

64 48.1 46.8 86.8



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: 2.36 ng

RT: 6.13 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampled :

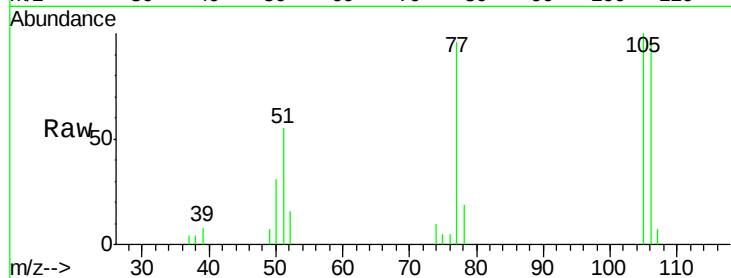
Tot Ion: 77 Resp: 8577

Ion Ratio Lower Upper

77 100

105 104.6 69.6 109.6

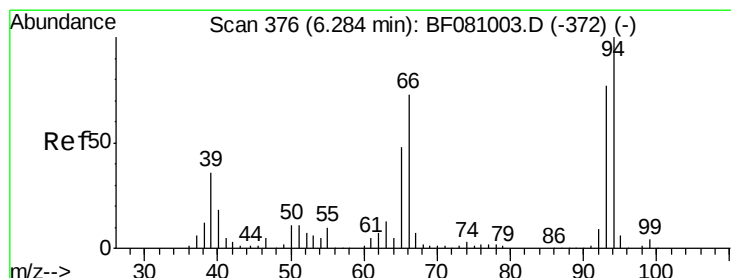
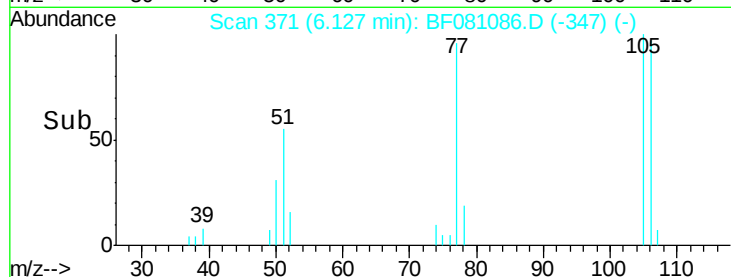
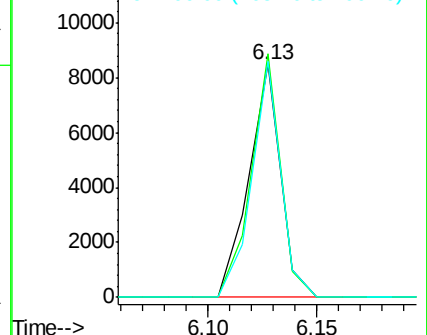
106 101.5 64.0 104.0



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: 4.14 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

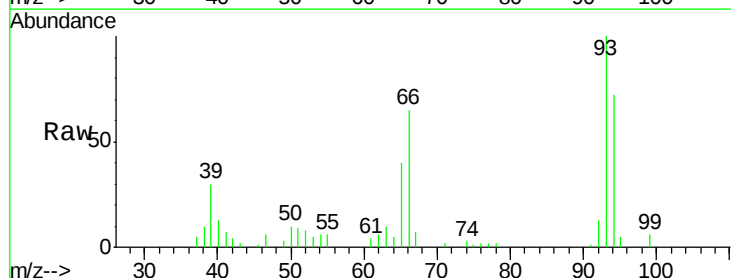
Tgt Ion: 94 Resp: 27550

Ion Ratio Lower Upper

94 100

65 56.0 28.4 68.4

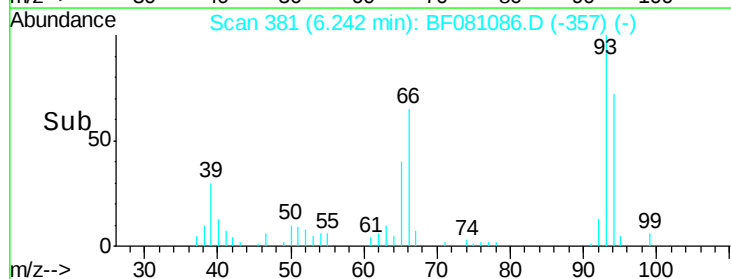
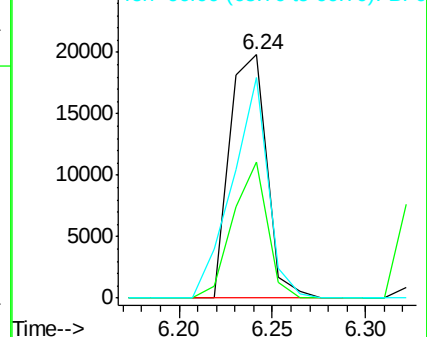
66 90.7 52.3 92.3

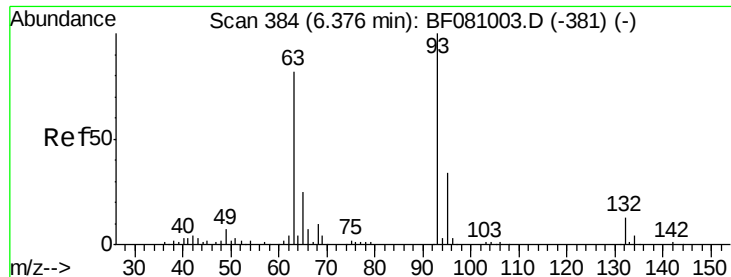


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

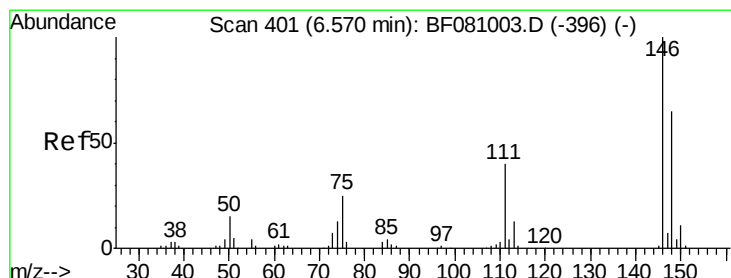
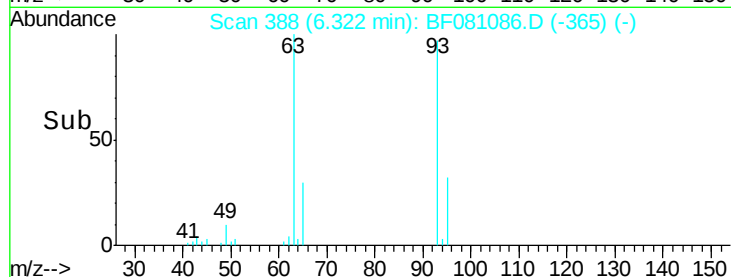
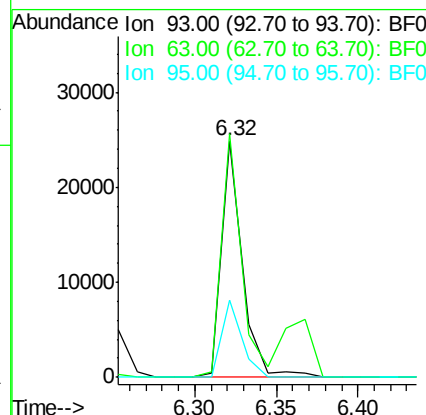
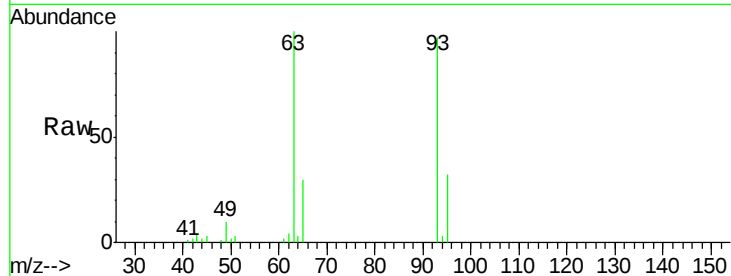




#11
bis(2-Chloroethyl)ether
Concen: 4.34 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

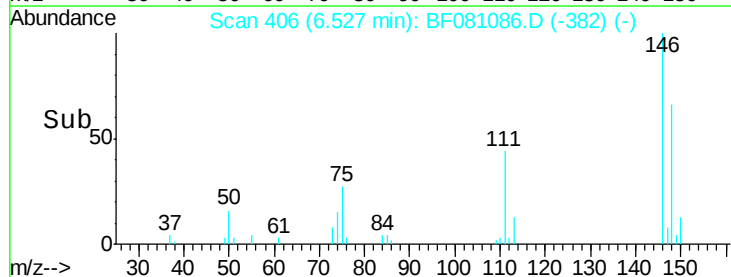
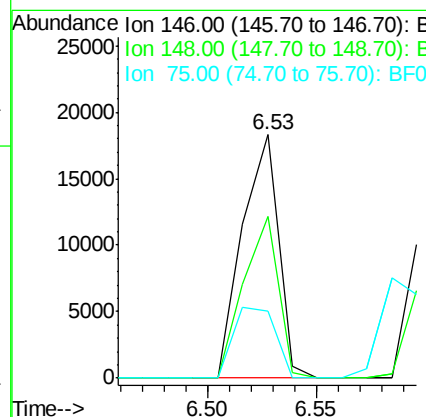
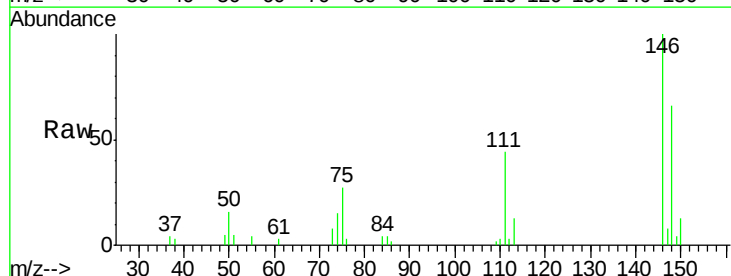
Instrument :
BNA_F
ClientSampleId :

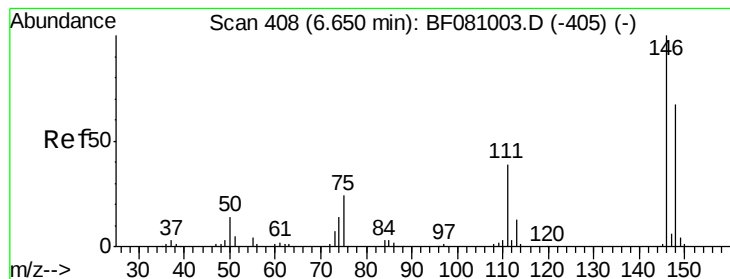
Tot Ion: 93 Resp: 22164
Ion Ratio Lower Upper
93 100
63 103.1 69.6 109.6
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 4.15 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion: 146 Resp: 21096
Ion Ratio Lower Upper
146 100
148 66.3 53.3 79.9
75 27.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 4.33 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

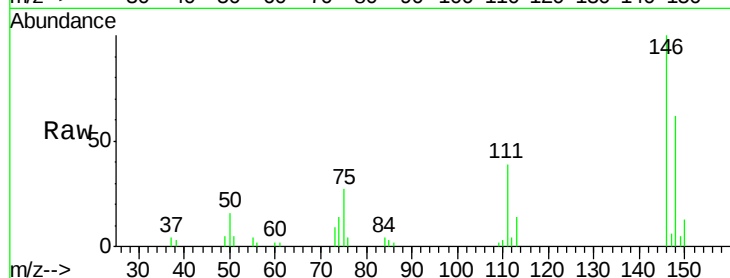
Tot Ion:146 Resp: 21777

Ion Ratio Lower Upper

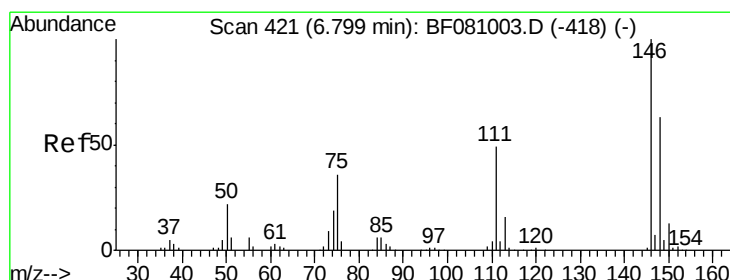
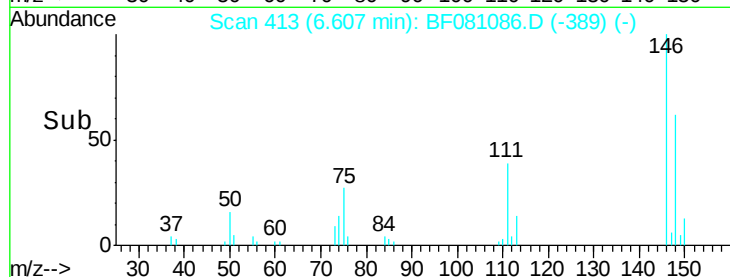
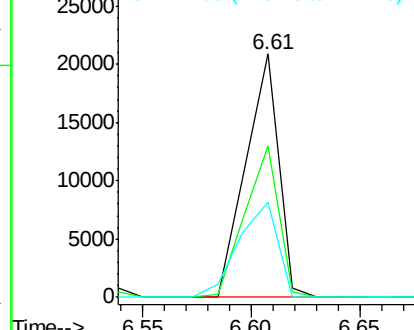
146 100

148 62.0 52.3 78.5

111 38.9 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.71 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

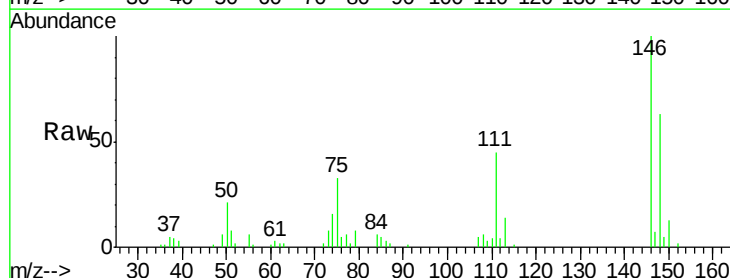
Tgt Ion:146 Resp: 22191

Ion Ratio Lower Upper

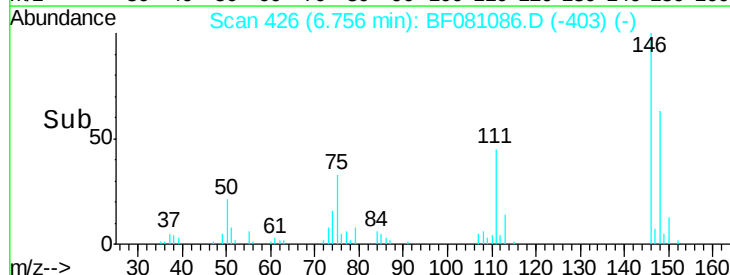
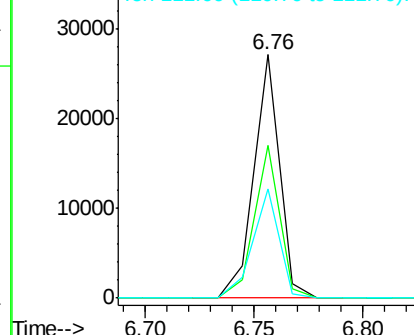
146 100

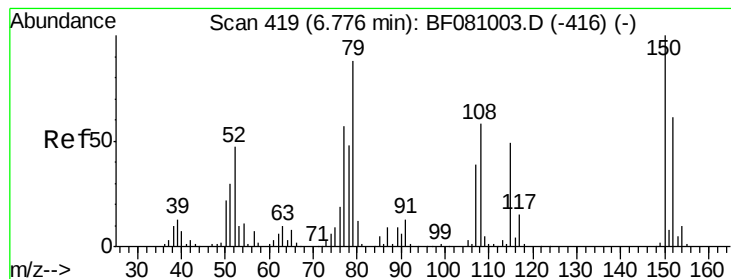
148 62.6 48.7 73.1

111 44.9 42.3 63.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.17 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

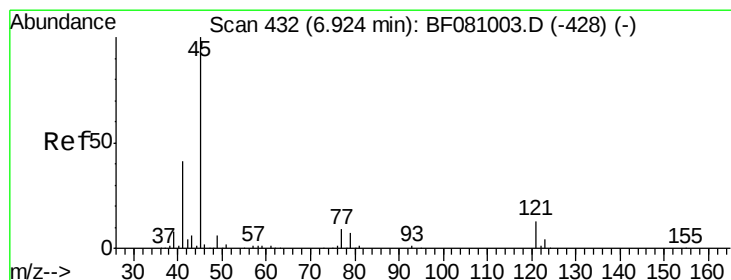
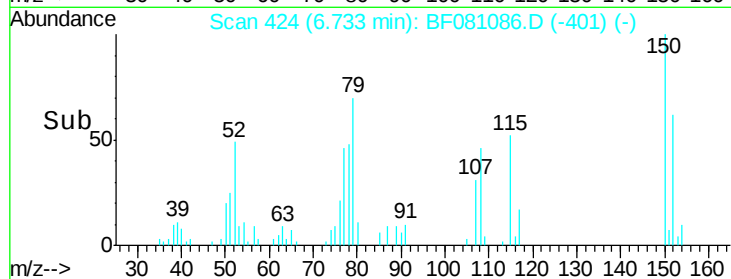
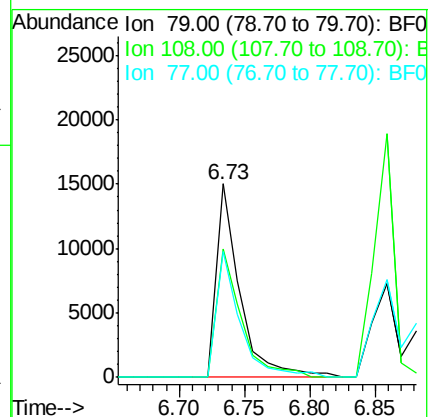
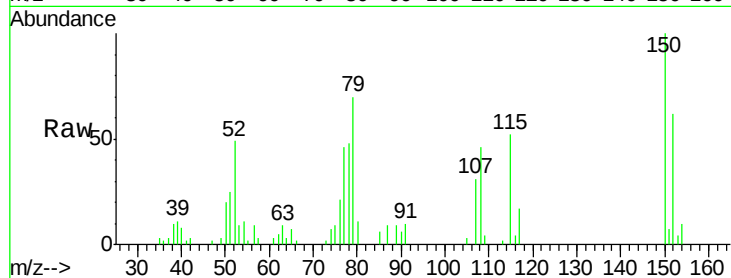
Tot Ion: 79 Resp: 19023

Ion Ratio Lower Upper

79 100

108 66.5 49.4 74.2

77 65.4 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.36 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

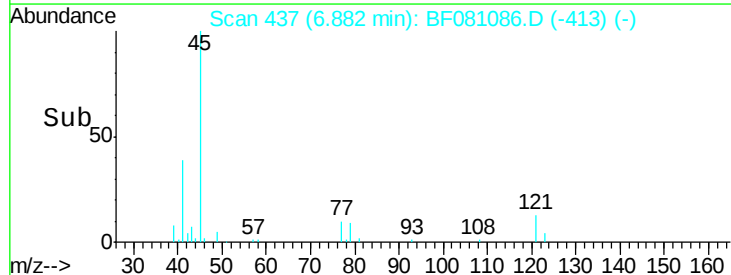
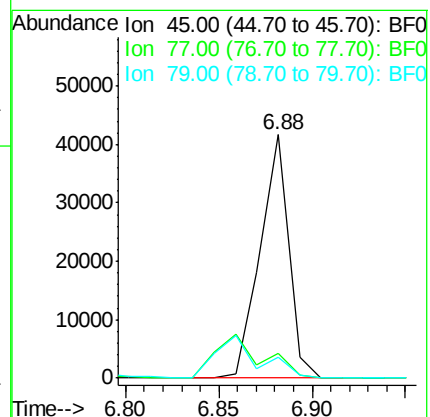
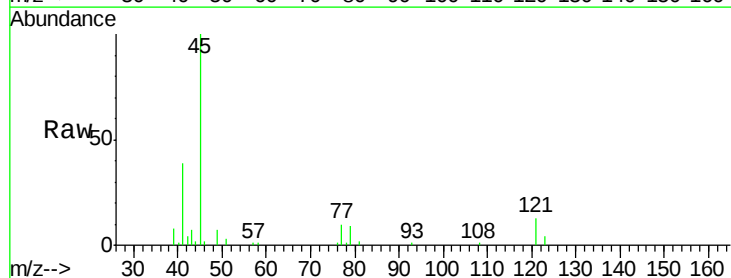
Tgt Ion: 45 Resp: 43834

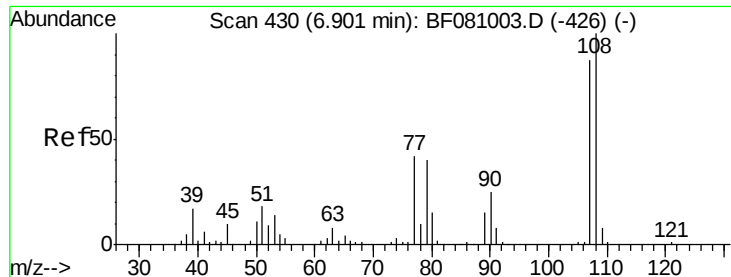
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.2

79 8.6 0.0 28.0

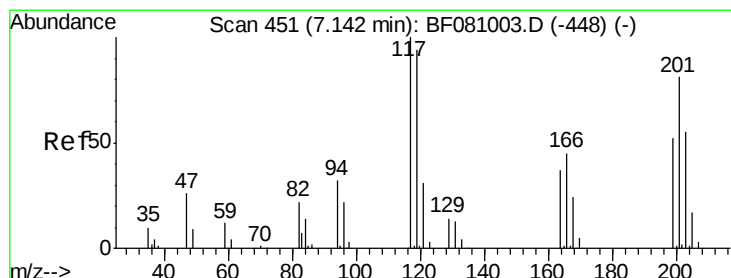
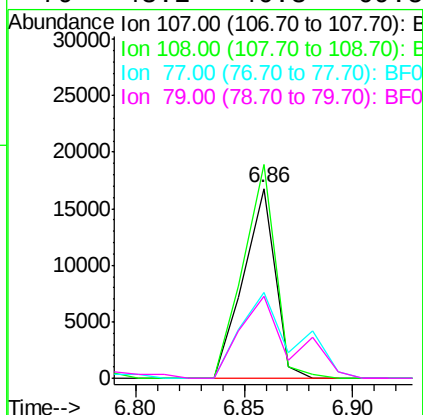
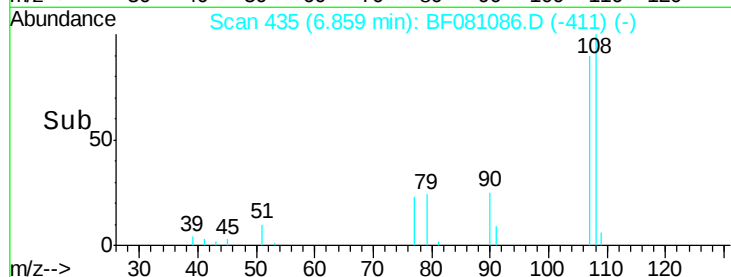
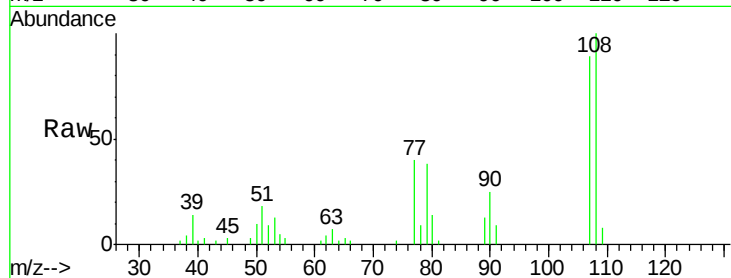




#17
2-Methylphenol
Concen: 4.22 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

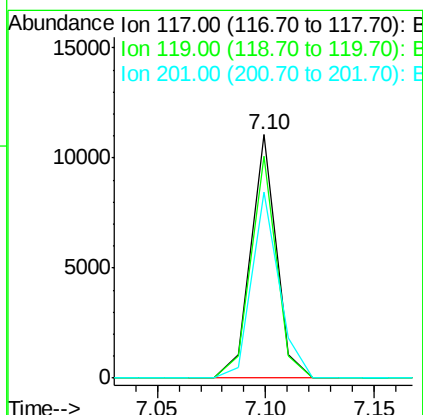
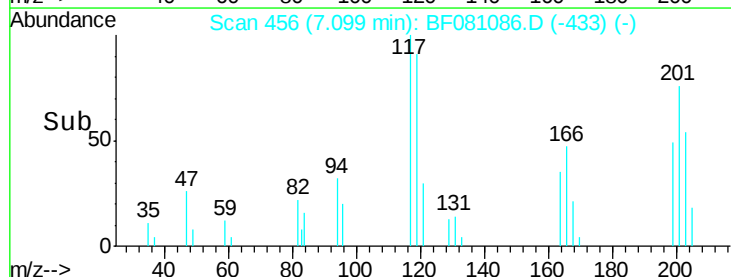
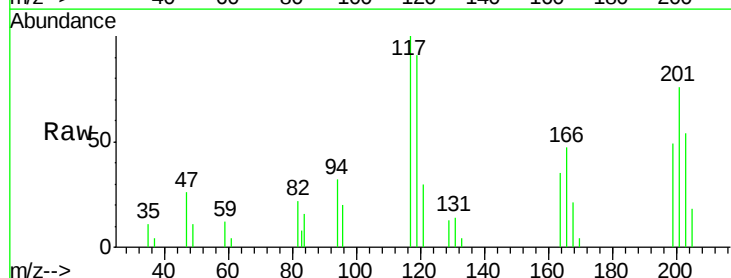
Instrument :
BNA_F
ClientSampleId :

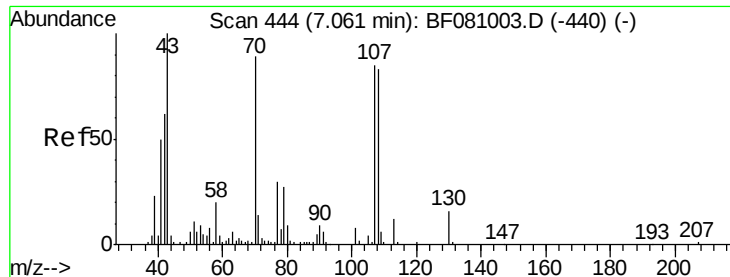
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.4	135.6
77	45.0	46.5	69.7#
79	43.2	46.3	69.5#



#18
Hexachloroethane
Concen: 4.45 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	77.9	116.9
201	76.2	61.3	91.9

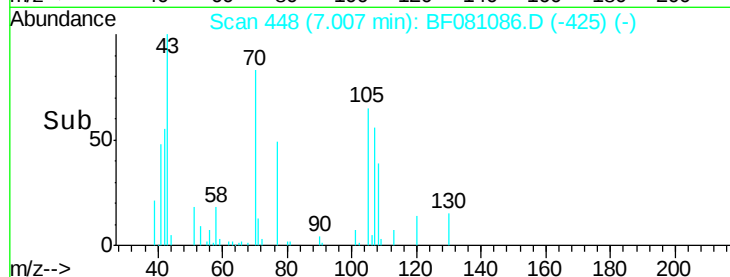
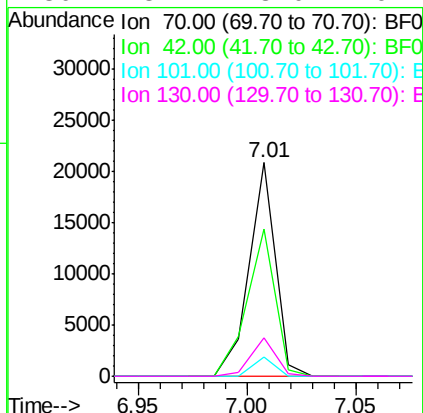
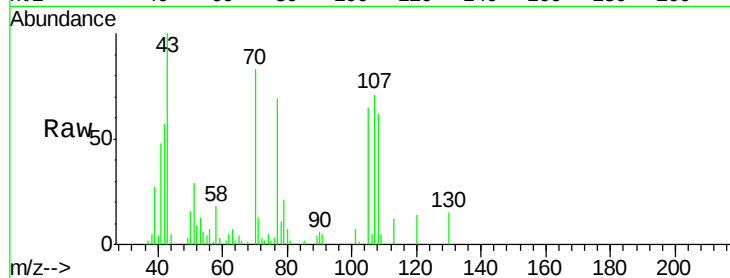




#19
n-Nitroso-di-n-propylamine
Concen: 4.49 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

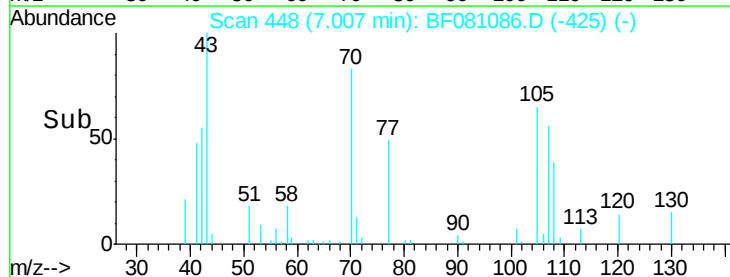
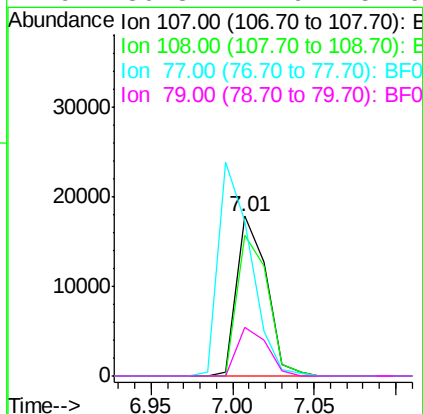
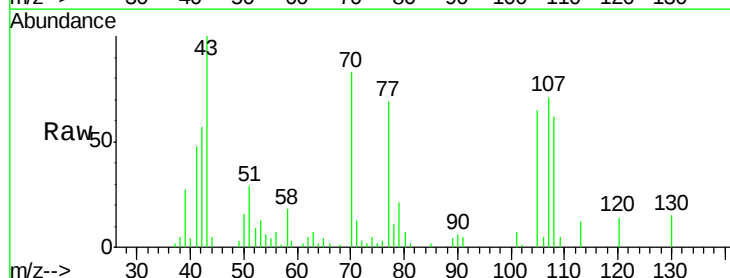
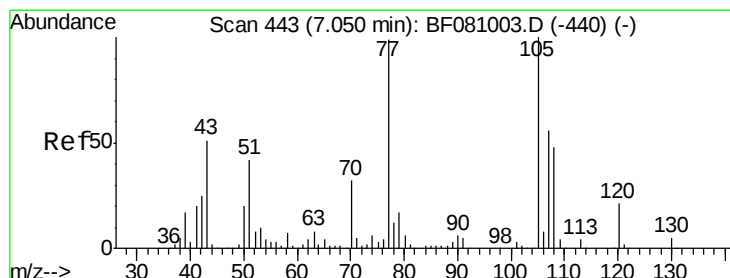
Instrument :
BNA_F
ClientSampleId :

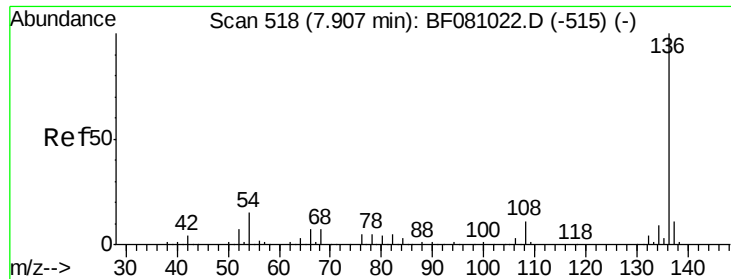
Tot Ion:	70	Resp:	17562
Ion	Ratio	Lower	Upper
70	100		
42	68.7	65.0	97.4
101	8.8	7.4	11.2
130	18.1	13.0	19.4



#20
3+4-Methylphenols
Concen: 4.36 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:	107	Resp:	22451
Ion	Ratio	Lower	Upper
107	100		
108	87.9	66.1	106.1
77	97.4	139.3	179.3#
79	30.3	11.9	51.9

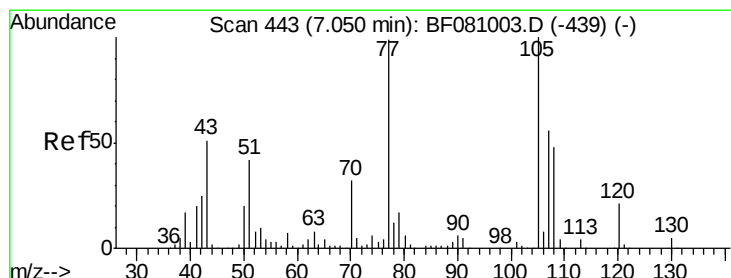
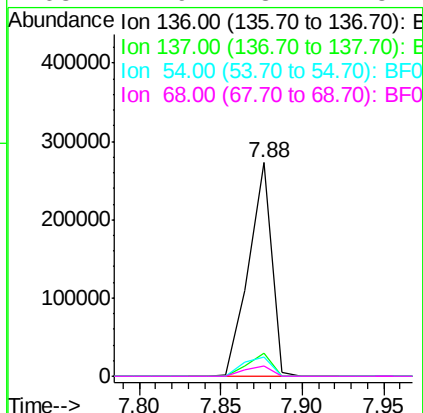
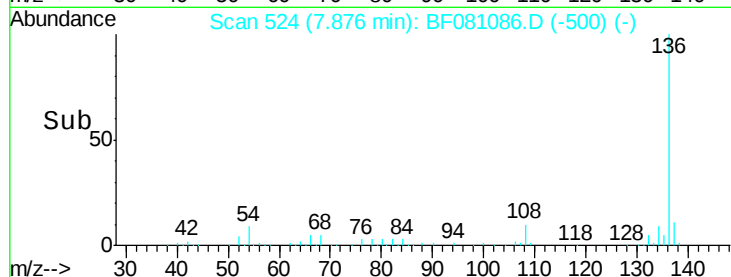
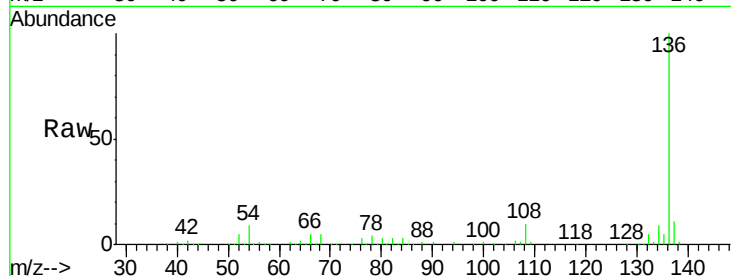




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

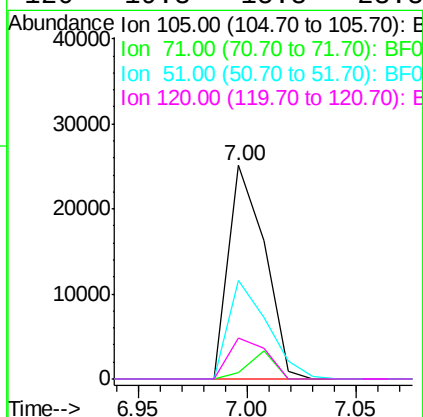
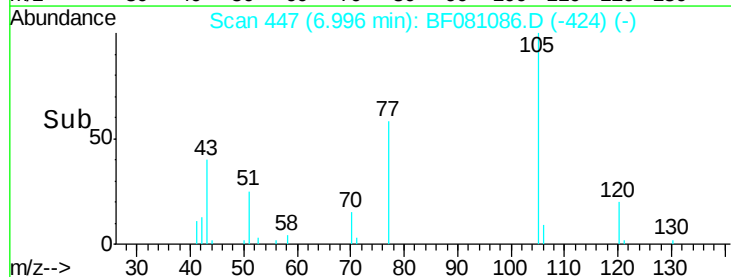
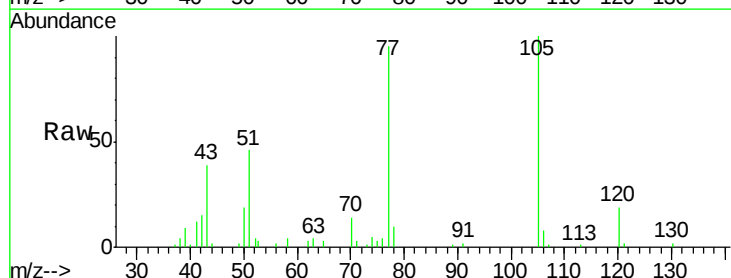
Instrument :
BNA_F
ClientSampleId :

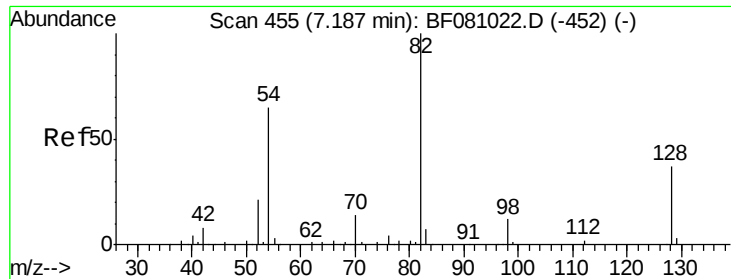
Tot Ion:136	Resp:	267906
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	9.0	7.7 11.5
68	4.9	3.4 5.2



#22
Acetophenone
Concen: 4.12 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:105	Resp:	28981
Ion Ratio	Lower	Upper
105	100	
71	3.0	3.0 4.6#
51	46.1	39.8 59.8
120	19.3	15.8 23.8

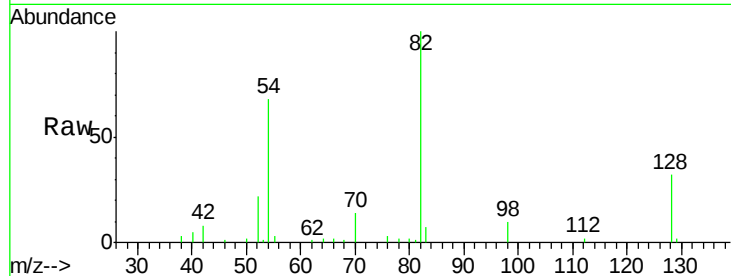




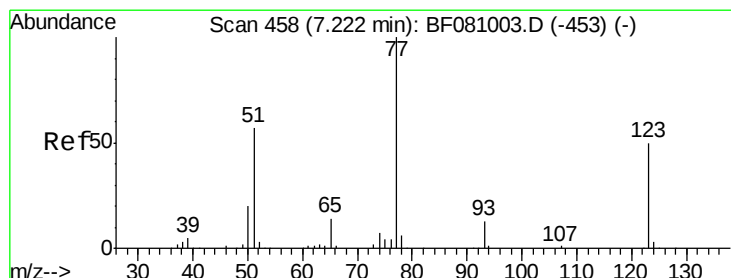
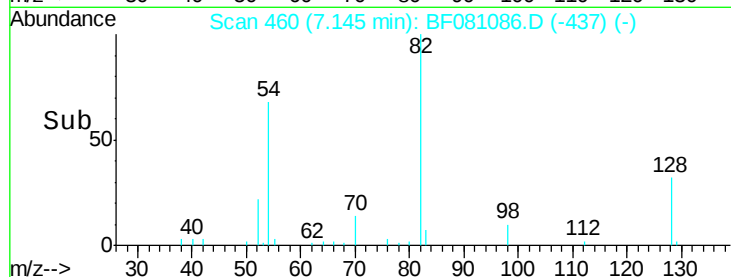
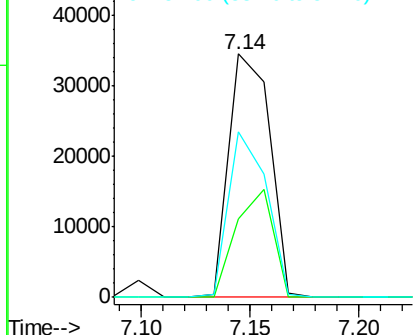
#23
Nitrobenzene-d5
Concen: 7.72 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 45279
Ion Ratio Lower Upper
82 100
128 32.1 28.6 42.8
54 67.8 55.1 82.7

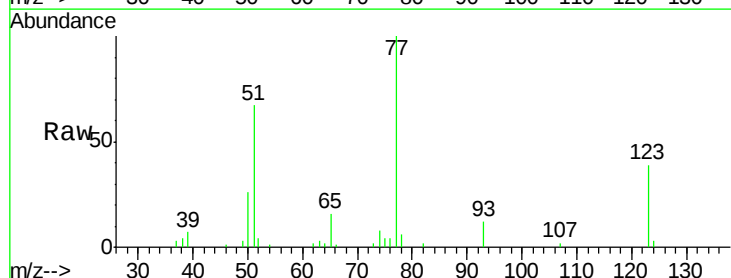


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

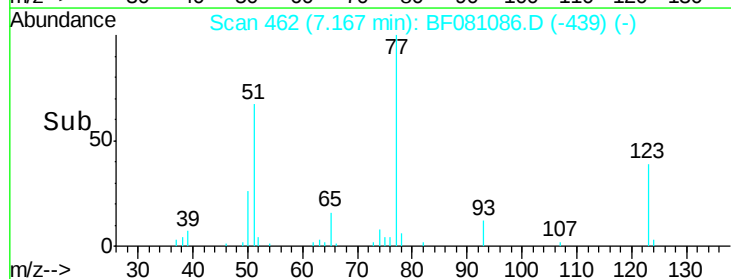
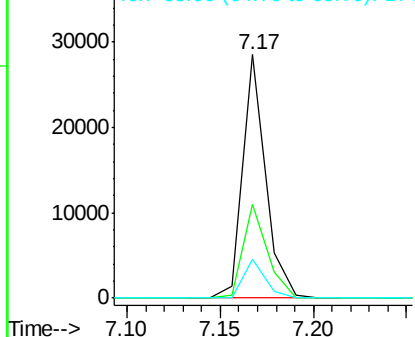


#24
Nitrobenzene
Concen: 3.98 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion: 77 Resp: 24379
Ion Ratio Lower Upper
77 100
123 38.6 32.9 49.3
65 15.8 12.5 18.7



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: 3.73 ng

RT: 7.42 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

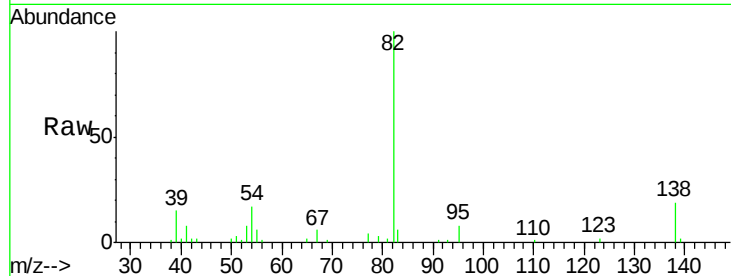
Tot Ion: 82 Resp: 40788

Ion Ratio Lower Upper

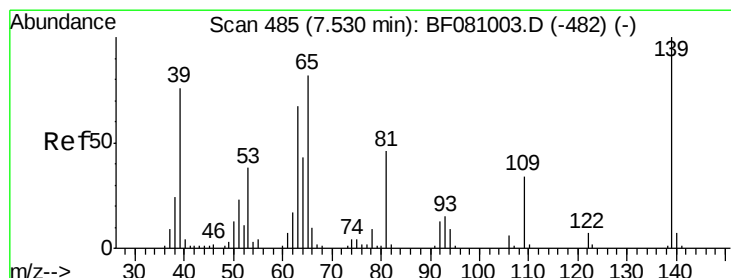
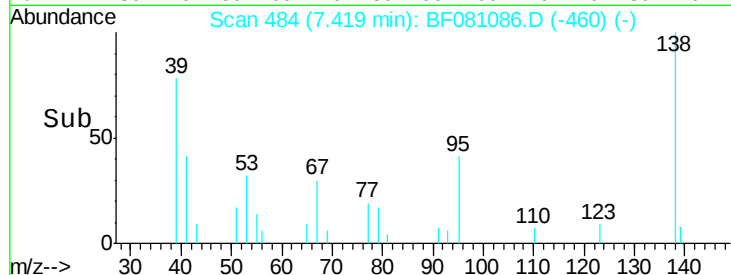
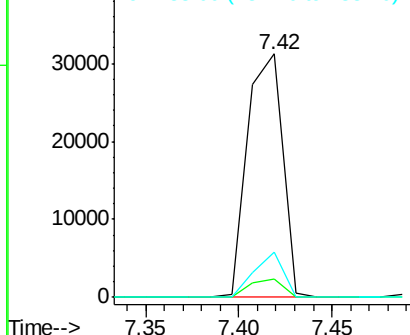
82 100

95 7.7 6.2 9.2

138 18.7 10.5 15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 3.57 ng

RT: 7.49 min Scan# 490

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

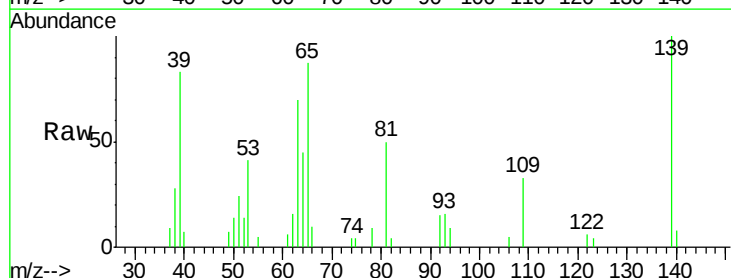
Tgt Ion: 139 Resp: 9116

Ion Ratio Lower Upper

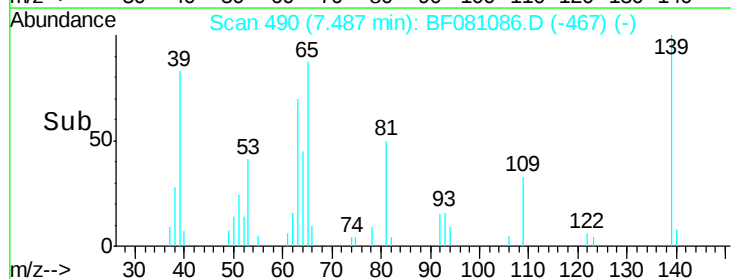
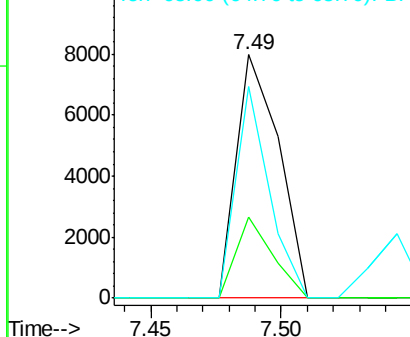
139 100

109 33.3 32.1 48.1

65 87.1 69.9 104.9



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





#27

2,4-Dimethylphenol

Concen: 4.20 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

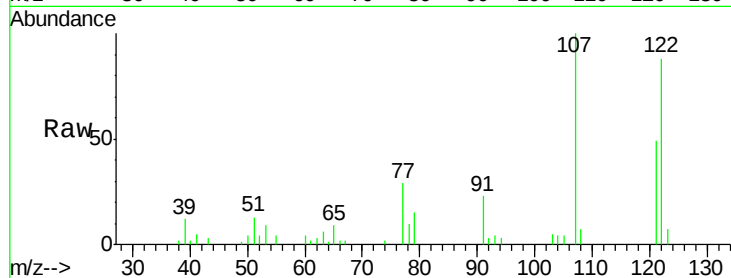
Tot Ion:122 Resp: 18966

Ion Ratio Lower Upper

122 100

107 114.3 103.8 155.6

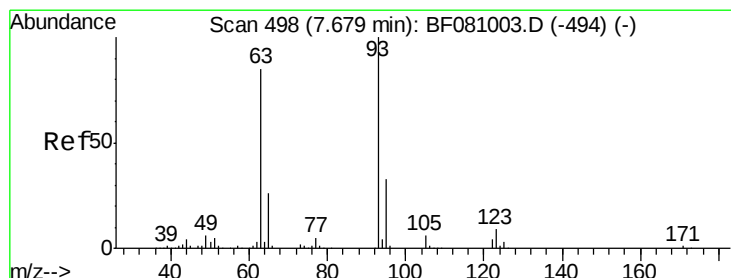
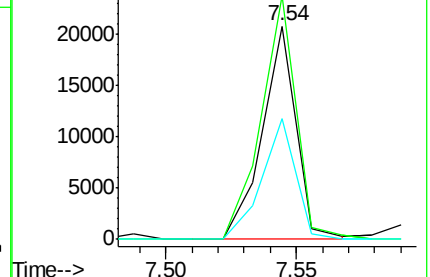
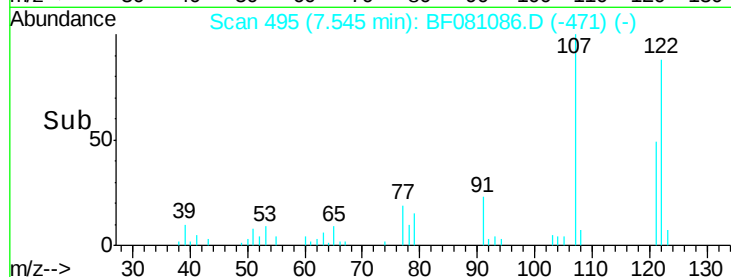
121 56.4 47.0 70.4



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: 4.13 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

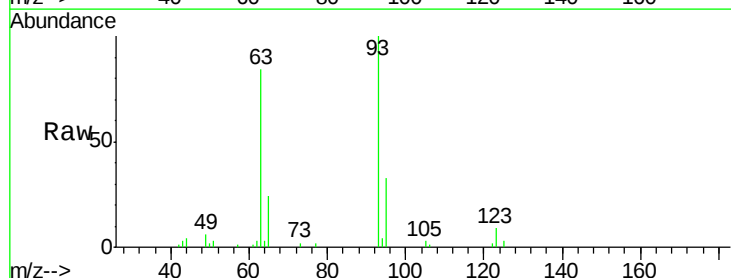
Tgt Ion: 93 Resp: 26682

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

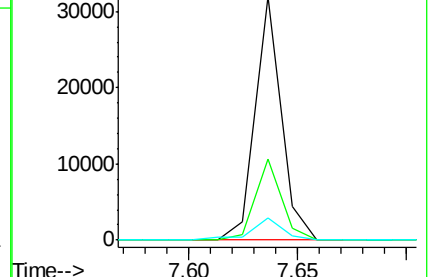
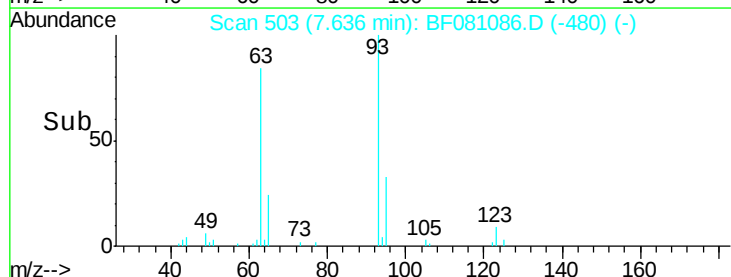
123 9.3 7.4 11.0

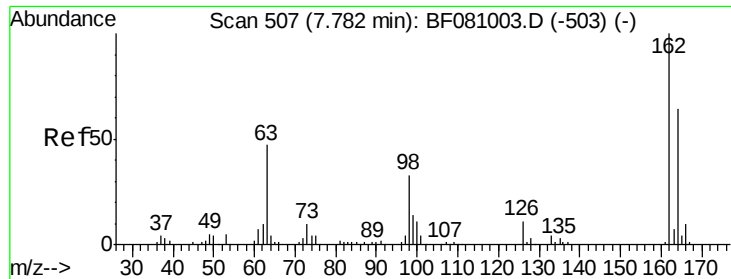


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

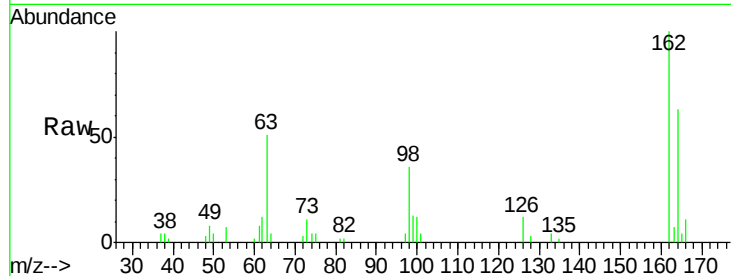




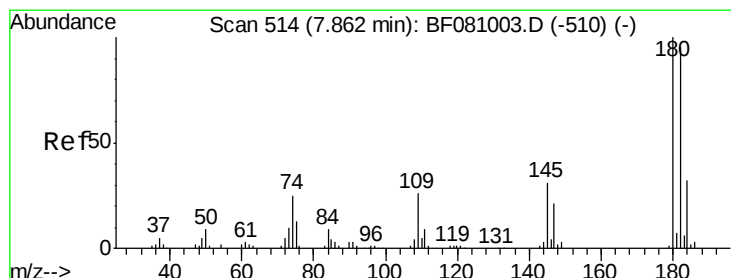
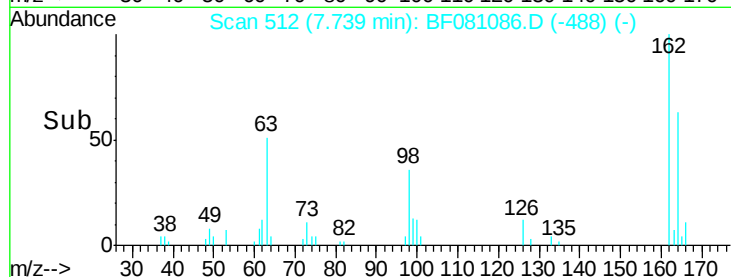
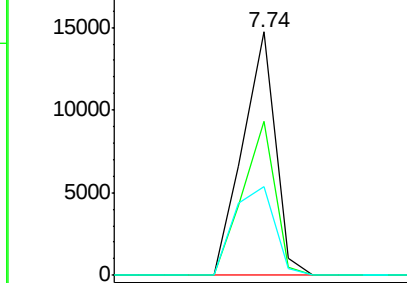
#29
 2,4-Dichlorophenol
 Concen: 4.04 ng
 RT: 7.74 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 15353
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.2 83.2
 98 36.2 12.3 52.3

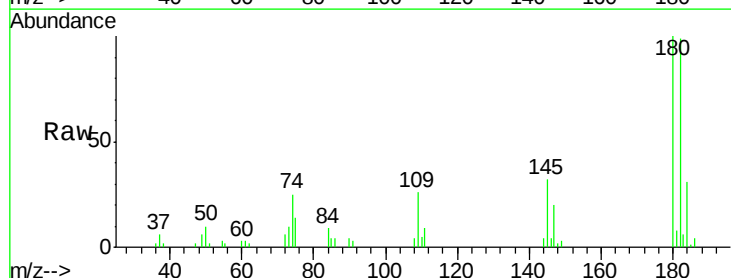


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

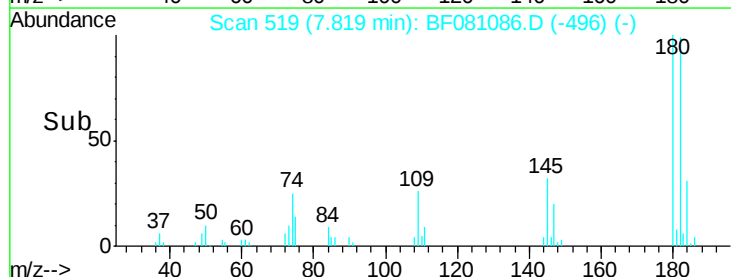
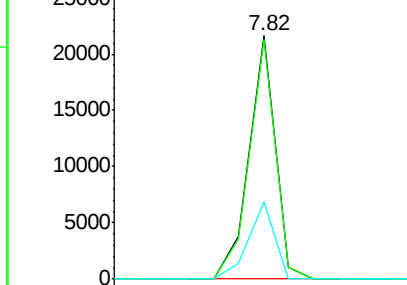


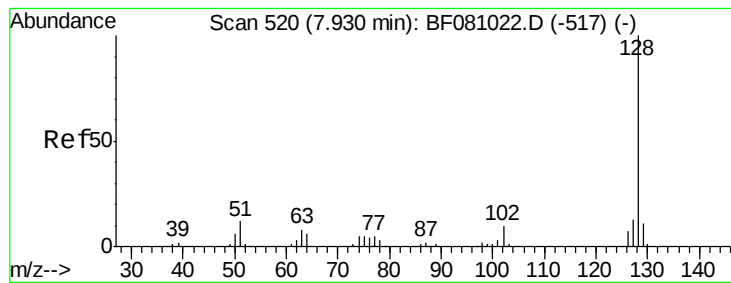
#30
 1,2,4-Trichlorobenzene
 Concen: 4.30 ng
 RT: 7.82 min Scan# 519
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion:180 Resp: 18146
 Ion Ratio Lower Upper
 180 100
 182 98.6 76.4 114.6
 145 31.7 25.4 38.2



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





#31

Naphthalene

Concen: 4.08 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

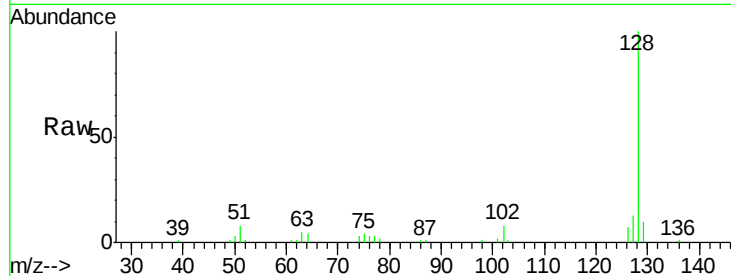
Tot Ion:128 Resp: 60977

Ion Ratio Lower Upper

128 100

129 9.5 8.4 12.6

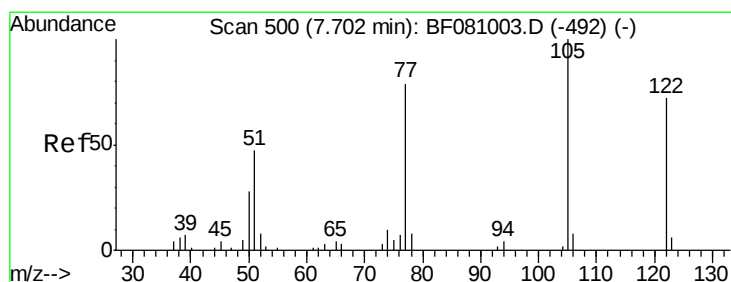
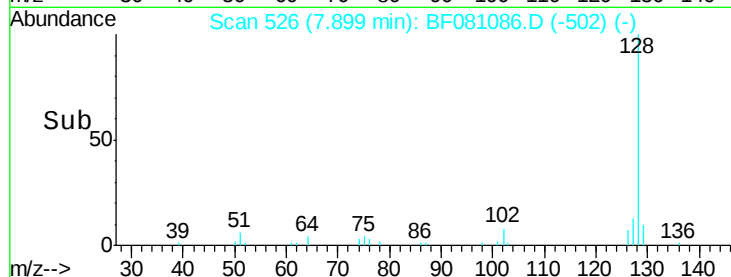
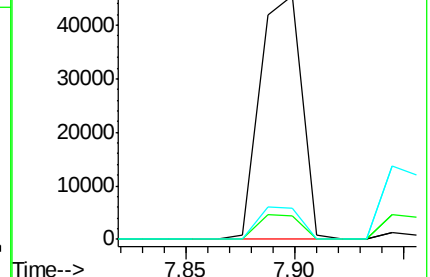
127 12.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.71 ng

RT: 7.61 min Scan# 501

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

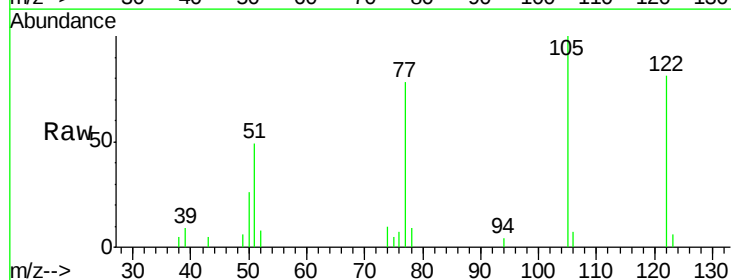
Tgt Ion:122 Resp: 9423

Ion Ratio Lower Upper

122 100

105 123.9 113.8 153.8

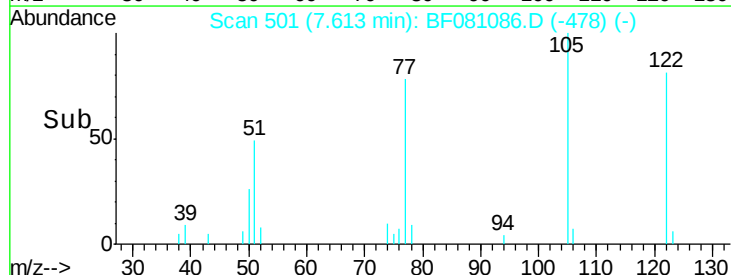
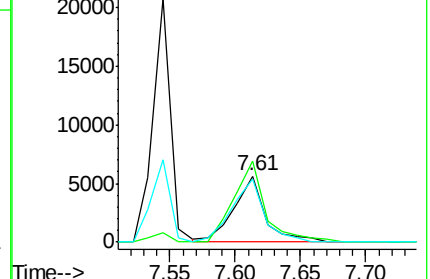
77 96.1 93.8 133.8



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

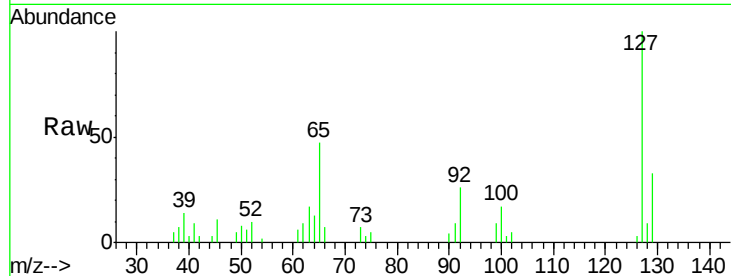




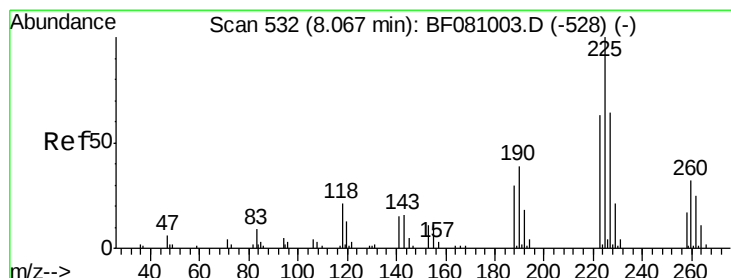
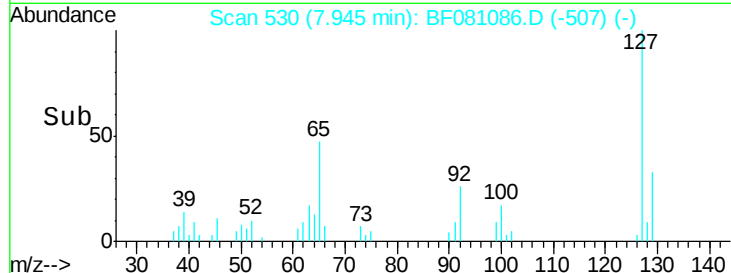
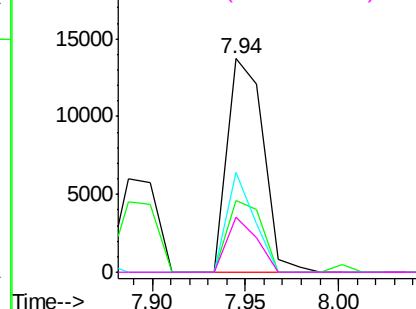
#33
4-Chloroaniline
Concen: 2.94 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	18506
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.2	37.8
65	46.8	37.8	56.6
92	25.6	19.5	29.3

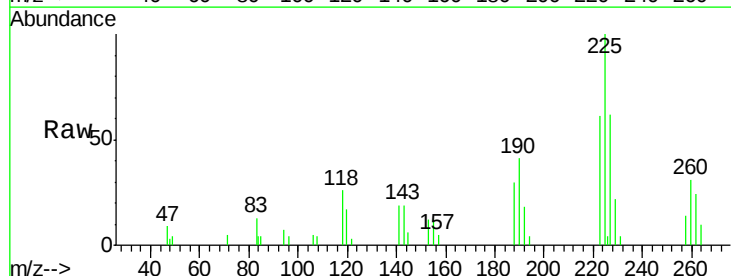


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

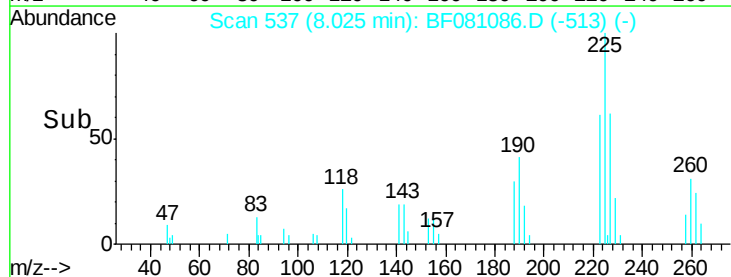
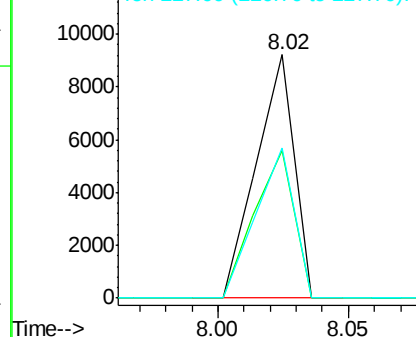


#34
Hexachlorobutadiene
Concen: 3.95 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:	225	Resp:	9419
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.6	79.0
227	61.7	51.1	76.7



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

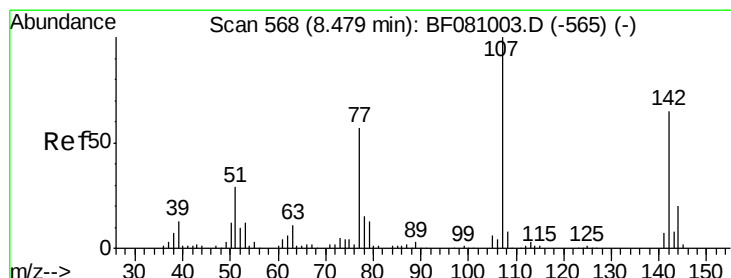
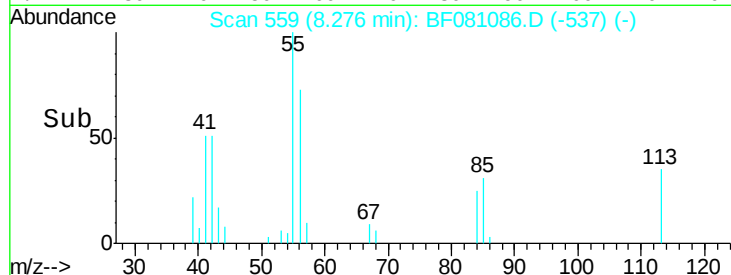
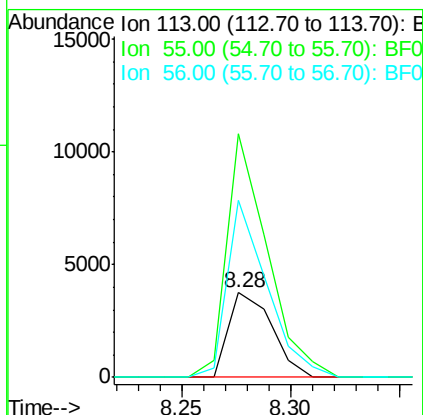
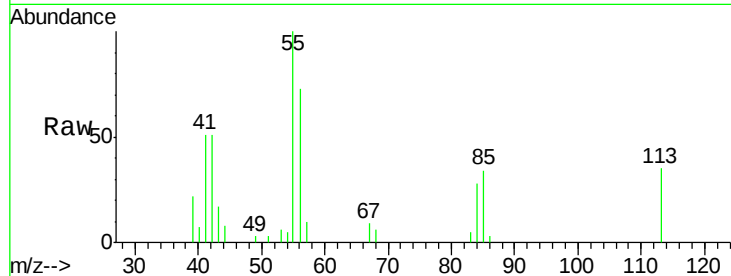




#35
 Caprolactam
 Concen: 3.91 ng
 RT: 8.28 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

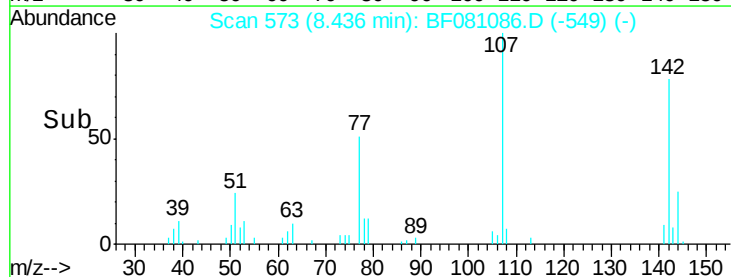
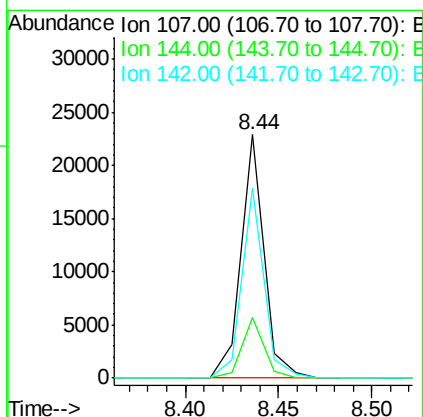
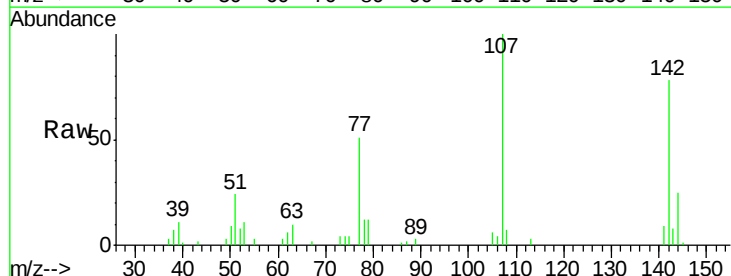
Instrument :
 BNA_F
 ClientSampleId :

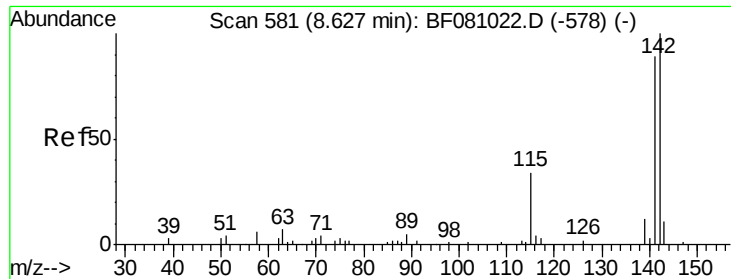
Tot Ion:113 Resp: 5185
 Ion Ratio Lower Upper
 113 100
 55 287.1 280.4 320.4
 56 208.4 205.9 245.9



#36
 4-Chloro-3-methylphenol
 Concen: 4.37 ng
 RT: 8.44 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion:107 Resp: 19788
 Ion Ratio Lower Upper
 107 100
 144 24.7 17.2 25.8
 142 78.2 54.9 82.3

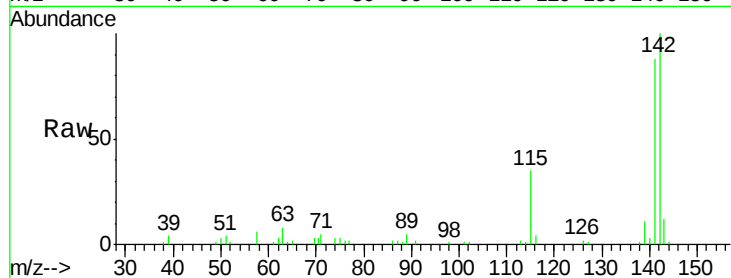




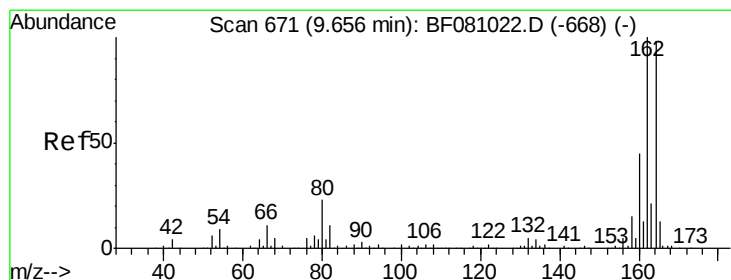
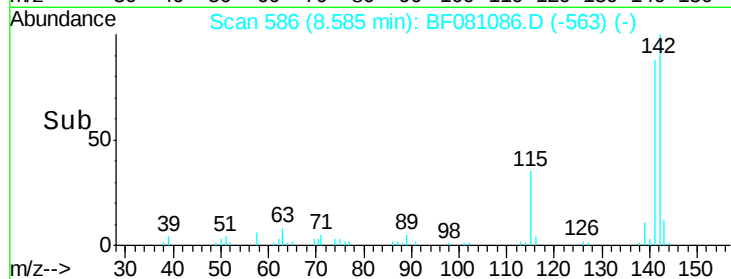
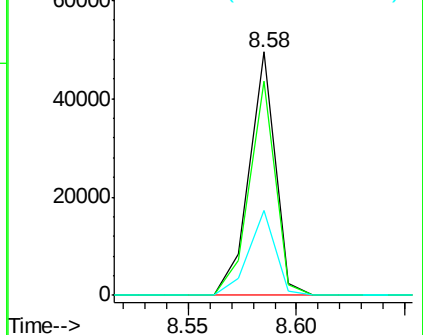
#37
 2-Methylnaphthalene
 Concen: 4.39 ng
 RT: 8.58 min Scan# 586
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 41425
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.4 107.2
 115 34.9 33.4 50.0

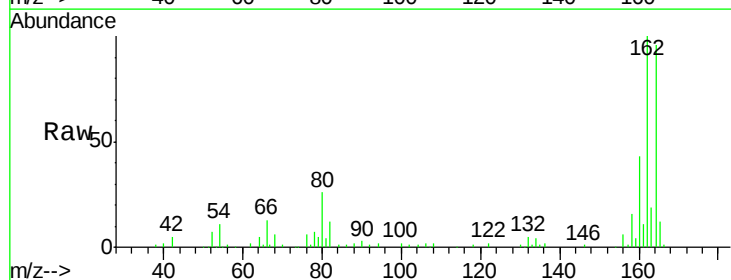


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

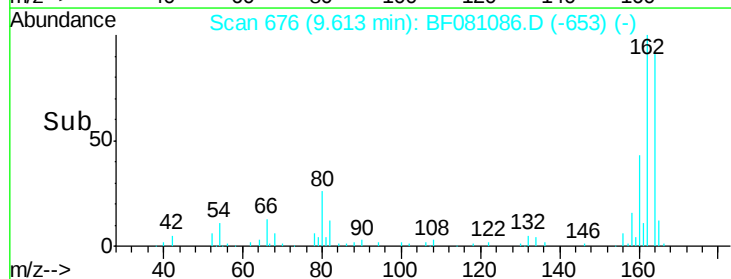
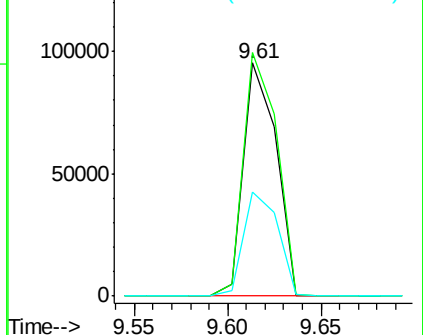


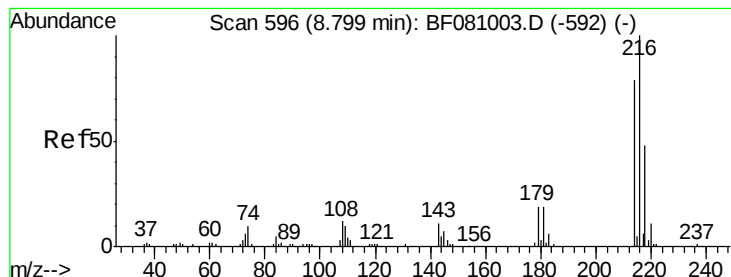
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion:164 Resp: 116341
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.8 125.8
 160 44.7 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.17 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF081086.D

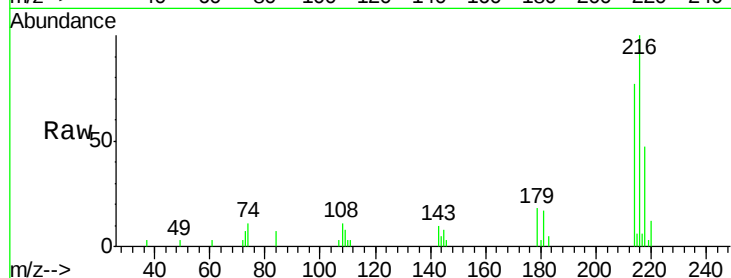
Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	15637
Ion Ratio	Lower	Upper
216	100	
214	77.6	63.8 95.8
179	22.5	17.8 26.8
108	24.7	16.2 24.2#

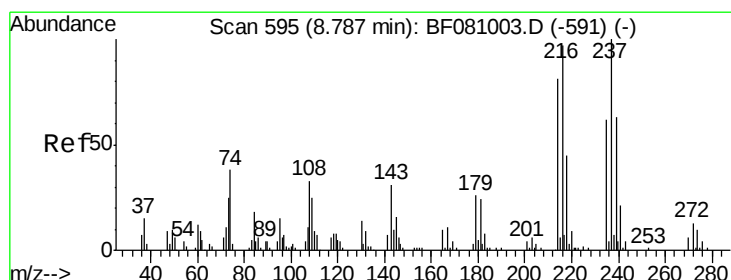
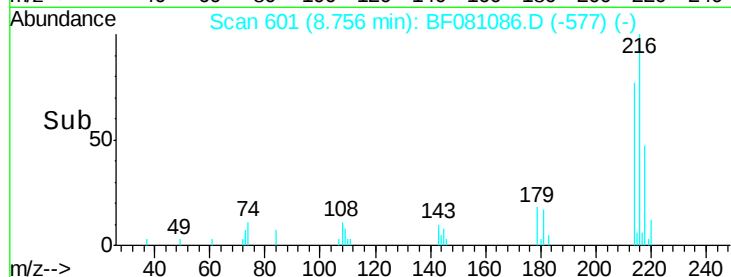
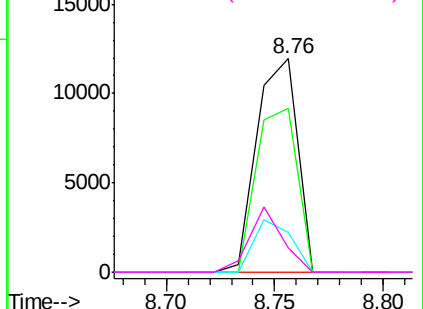


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.98 ng

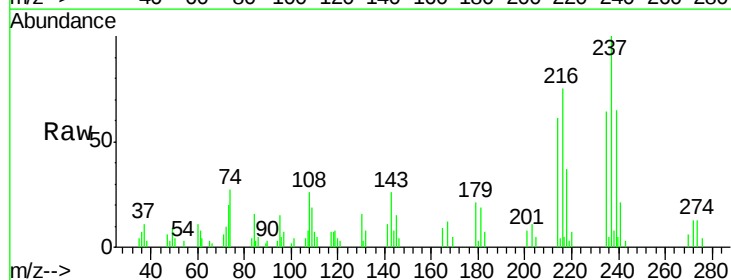
RT: 8.74 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

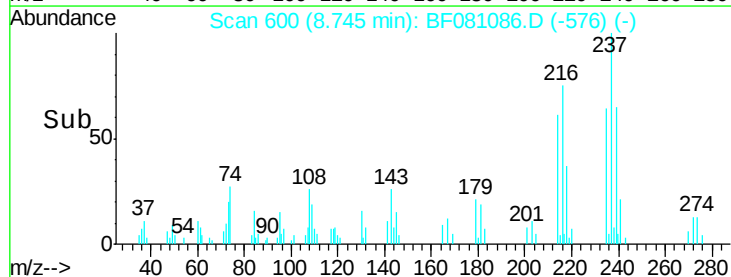
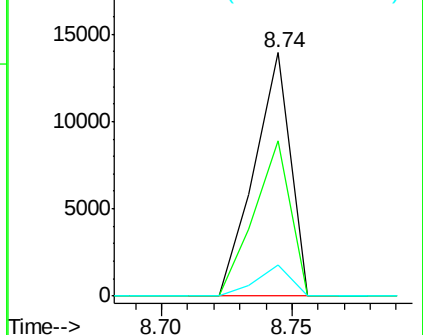
Tgt Ion:237	Resp:	13568
Ion Ratio	Lower	Upper
237	100	
235	63.6	43.6 83.6
272	12.9	0.0 32.2

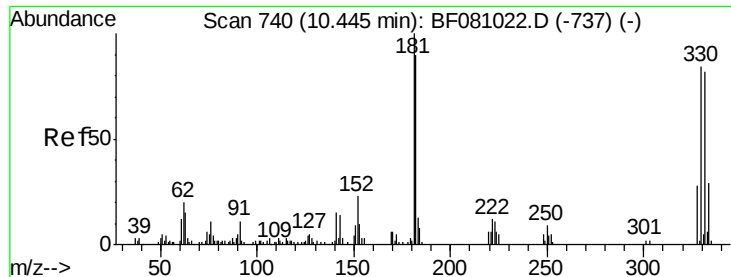


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 13.92 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

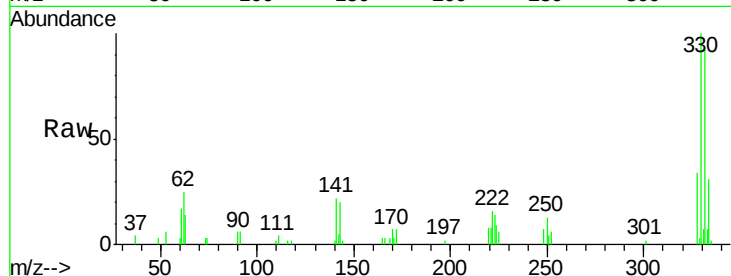
Tot Ion:330 Resp: 14039

Ion Ratio Lower Upper

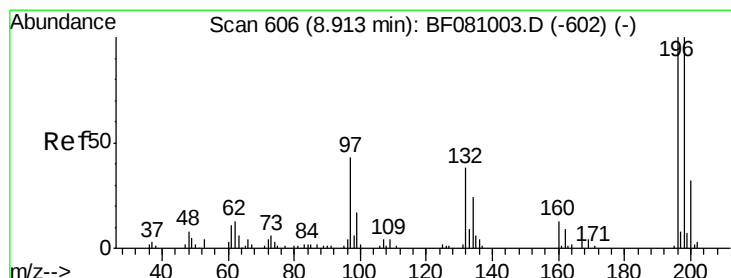
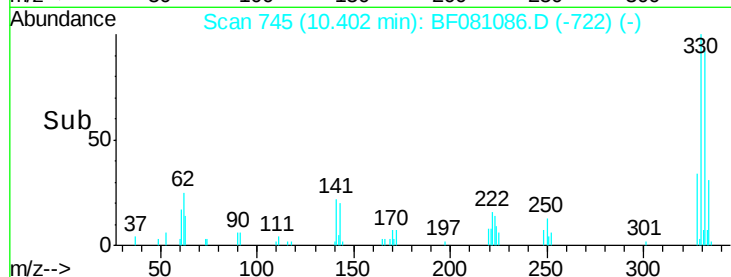
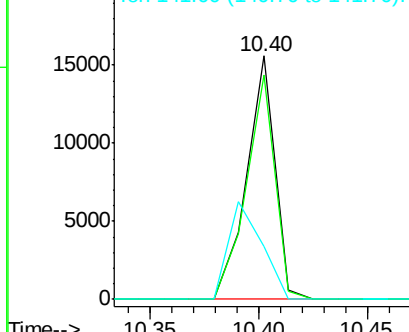
330 100

332 93.6 77.3 115.9

141 47.2 44.9 67.3



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: 3.87 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

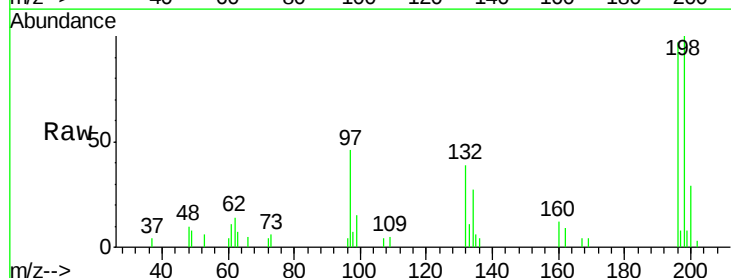
Tgt Ion:196 Resp: 10260

Ion Ratio Lower Upper

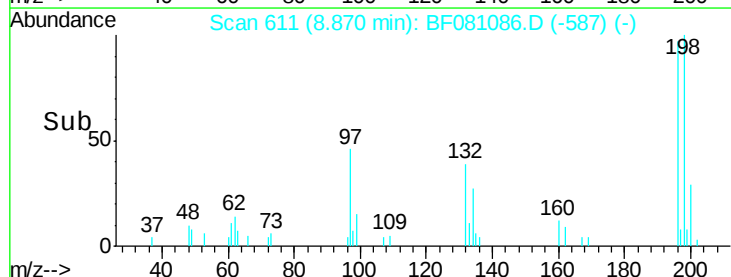
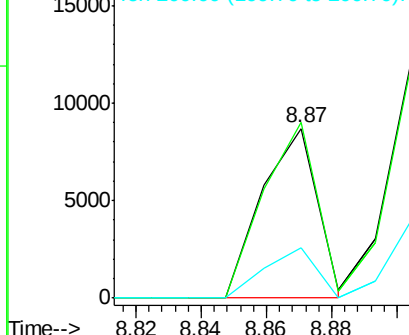
196 100

198 103.5 74.6 111.8

200 29.8 22.7 34.1



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

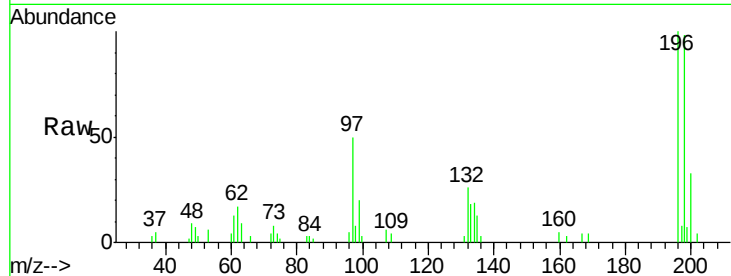




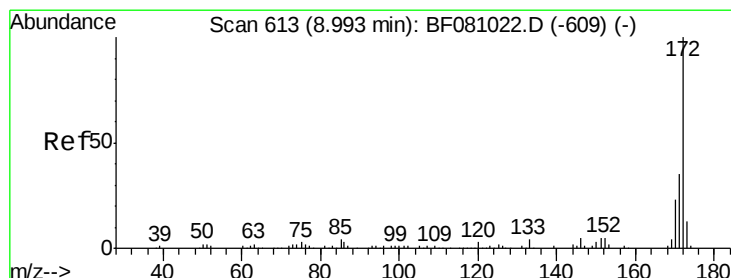
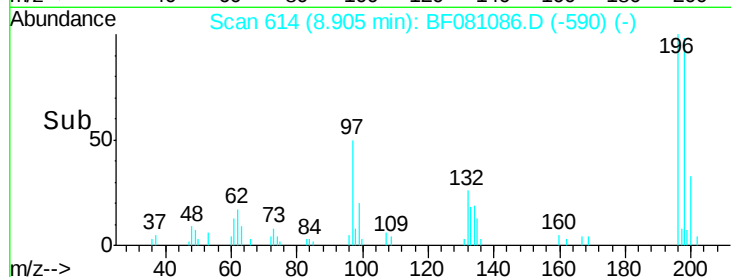
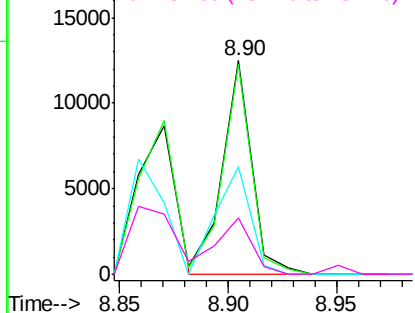
#43
 2,4,5-Trichlorophenol
 Concen: 4.40 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 11666
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.3 117.5
 97 50.5 42.7 64.1
 132 26.5 23.3 34.9

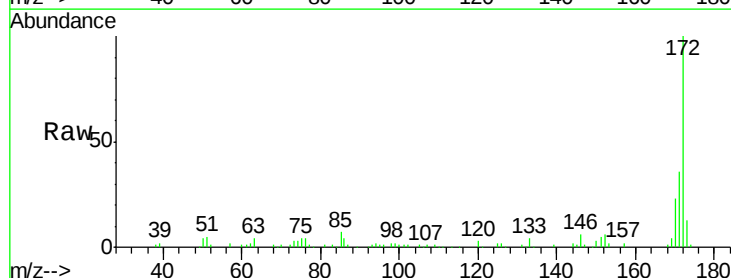


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

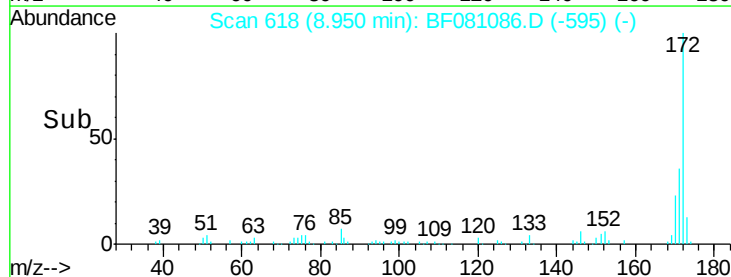
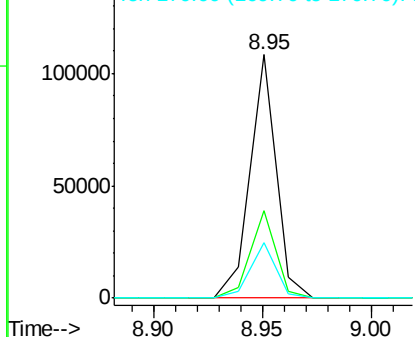


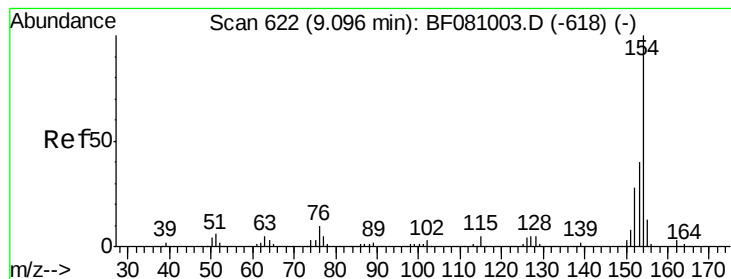
#44
 2-Fluorobiphenyl
 Concen: 10.20 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion:172 Resp: 90559
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 22.6 19.4 29.2



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: 4.77 ng

RT: 9.05 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

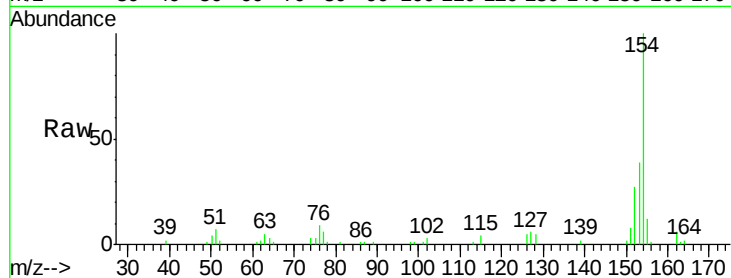
Tot Ion:154 Resp: 48838

Ion Ratio Lower Upper

154 100

153 38.8 19.5 59.5

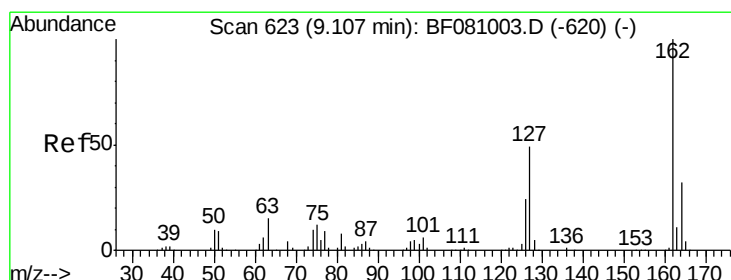
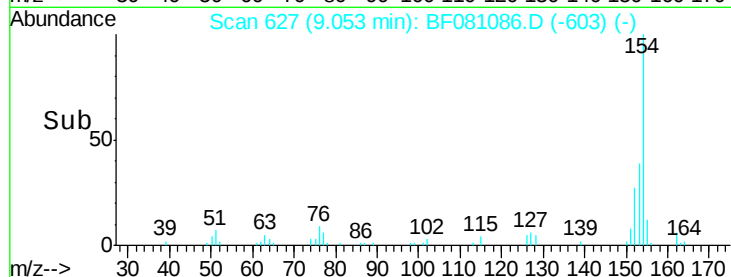
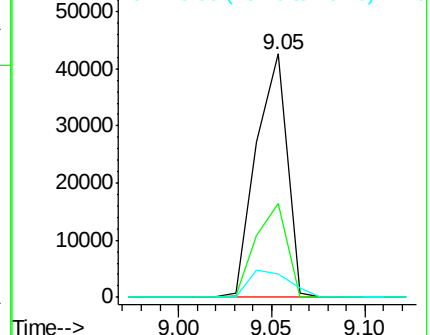
76 9.4 0.0 29.3



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: 4.28 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

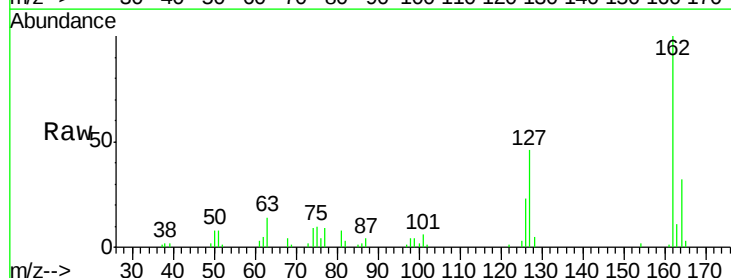
Tgt Ion:162 Resp: 35195

Ion Ratio Lower Upper

162 100

127 46.4 31.3 46.9

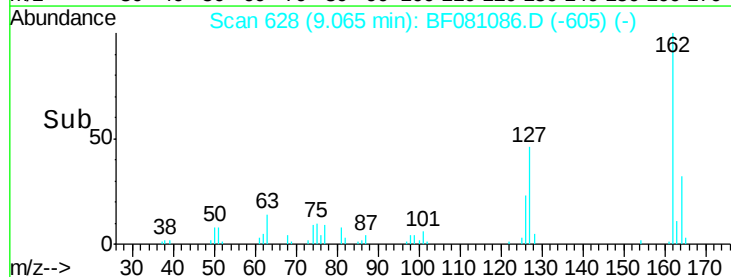
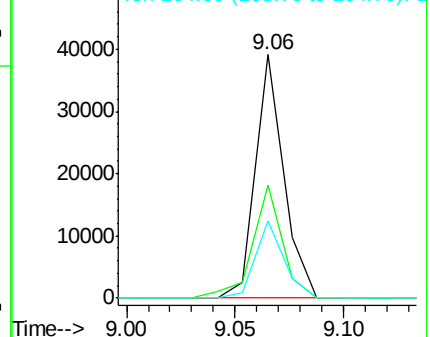
164 32.0 26.3 39.5

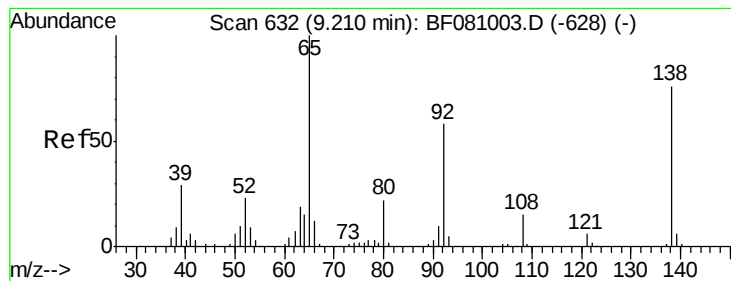


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 4.35 ng

RT: 9.17 min Scan# 637

Delta R.T. -0.03 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampled :

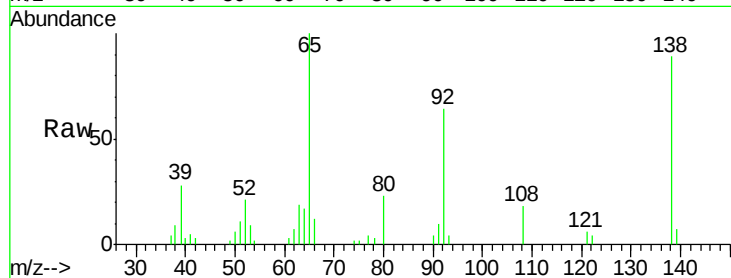
Tot Ion: 65 Resp: 14644

Ion Ratio Lower Upper

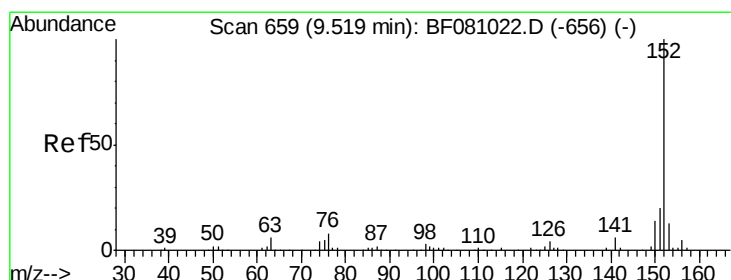
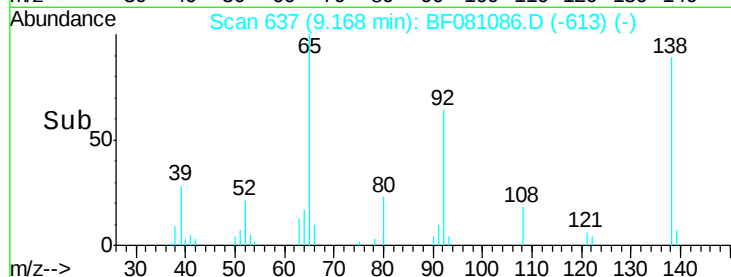
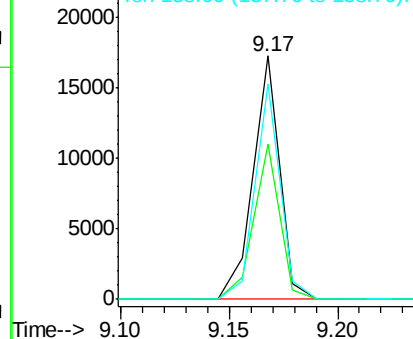
65 100

92 63.6 45.6 68.4

138 88.5 57.9 86.9#



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



#48

Acenaphthylene

Concen: 4.49 ng

RT: 9.48 min Scan# 664

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

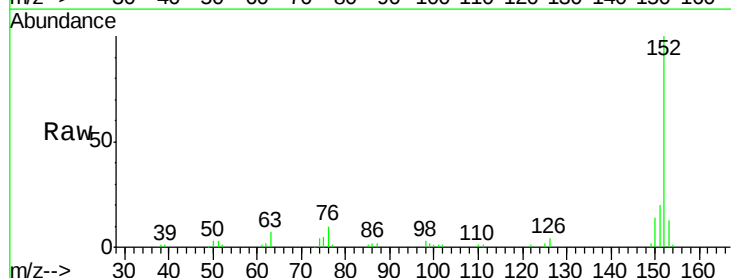
Tgt Ion: 152 Resp: 66196

Ion Ratio Lower Upper

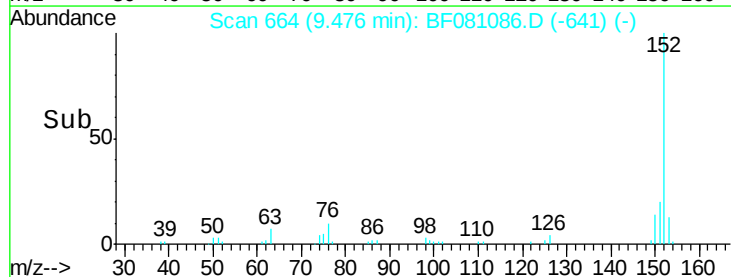
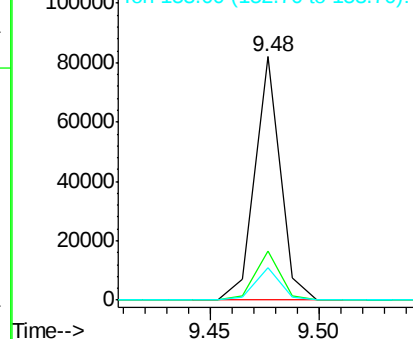
152 100

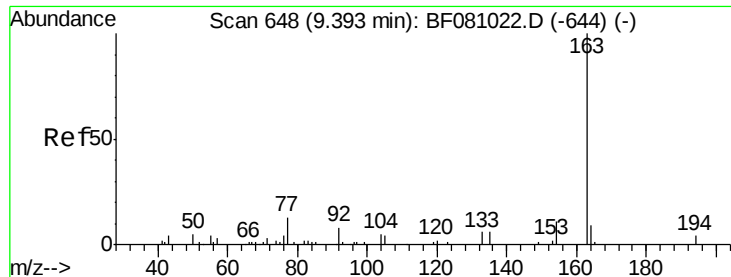
151 20.1 16.1 24.1

153 13.2 9.8 14.6



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

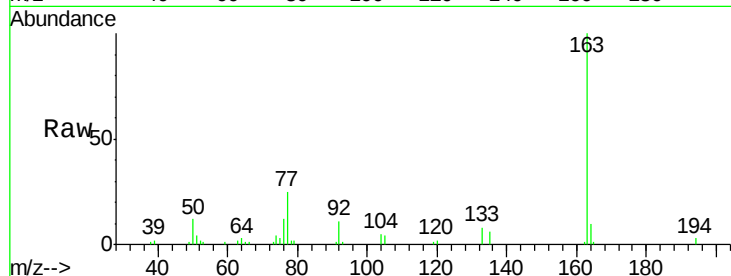




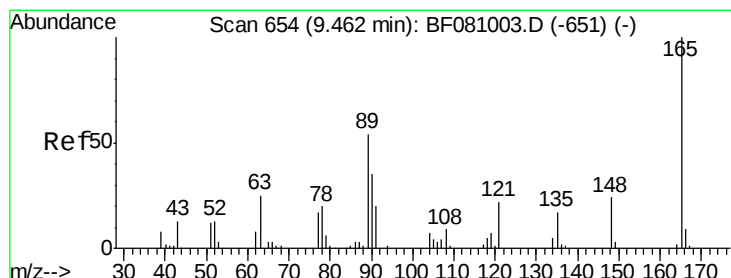
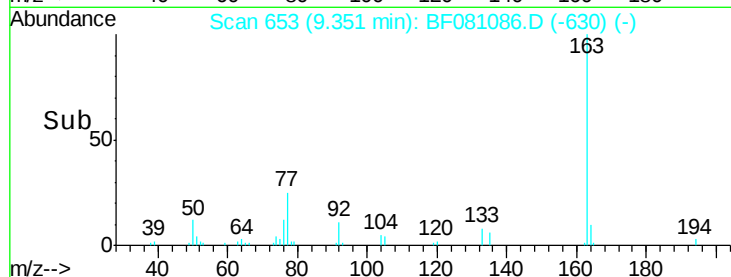
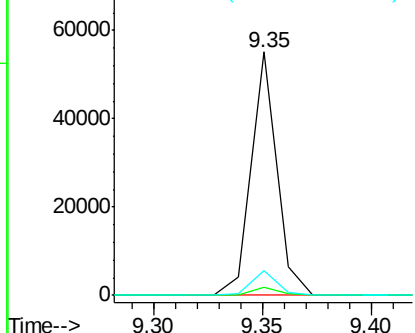
#49
Dimethylphthalate
Concen: 4.70 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 45018
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 9.9 8.1 12.1

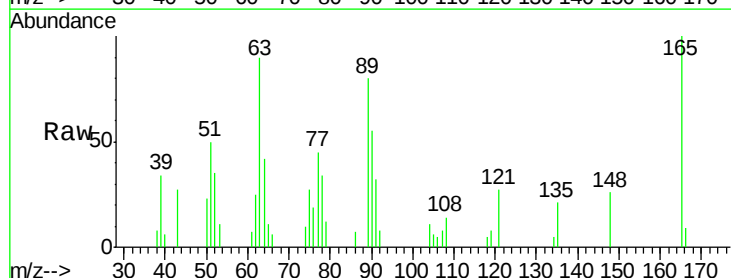


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

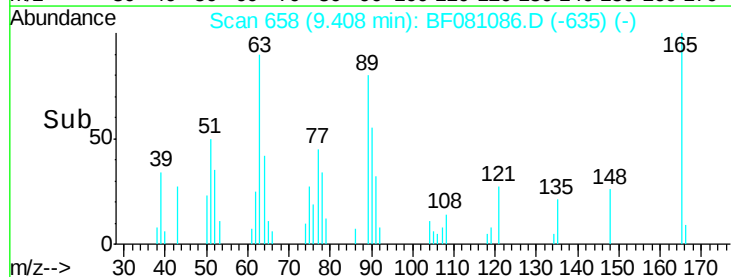
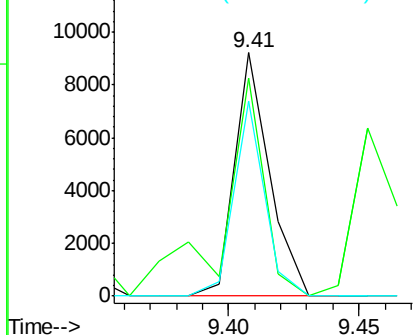


#50
2,6-Dinitrotoluene
Concen: 4.16 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:165 Resp: 8565
Ion Ratio Lower Upper
165 100
63 89.7 49.5 74.3#
89 80.1 47.6 71.4#



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

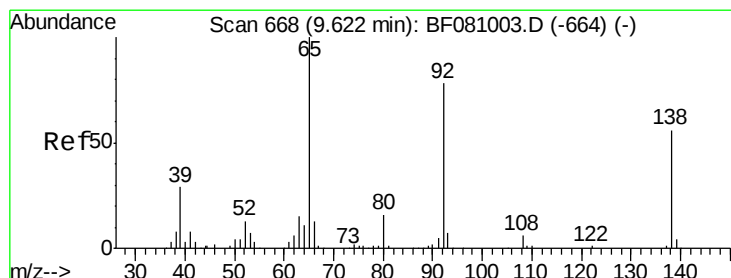
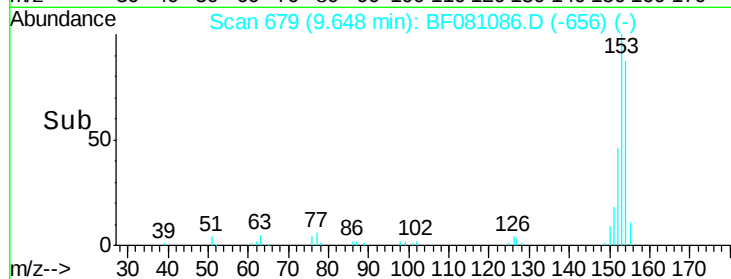
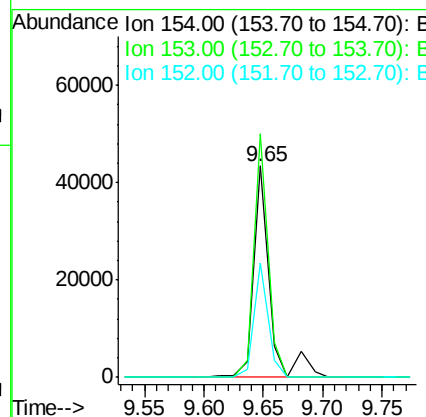
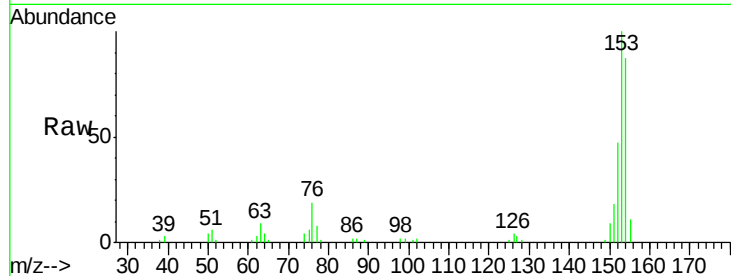




#51
Acenaphthene
Concen: 4.67 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

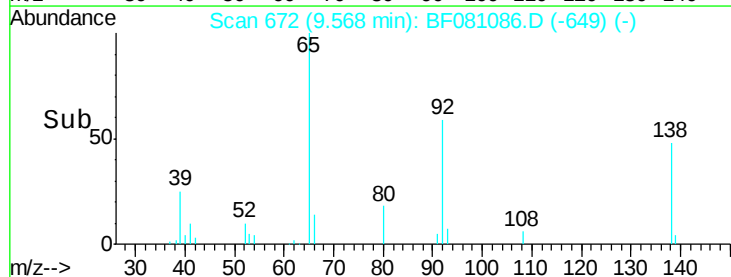
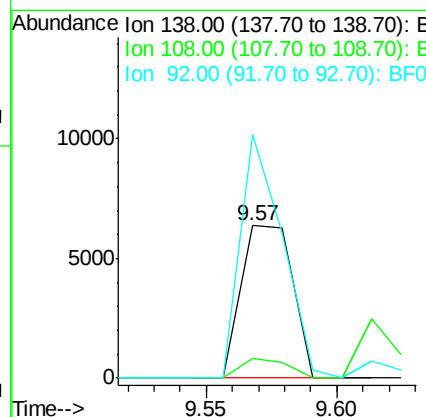
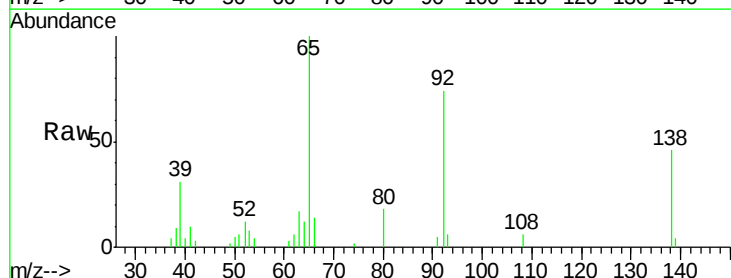
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 41166
Ion Ratio Lower Upper
154 100
153 115.3 91.4 137.2
152 54.4 43.7 65.5



#52
3-Nitroaniline
Concen: 3.38 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:138 Resp: 8689
Ion Ratio Lower Upper
138 100
108 12.9 9.4 14.2
92 159.8 113.2 169.8

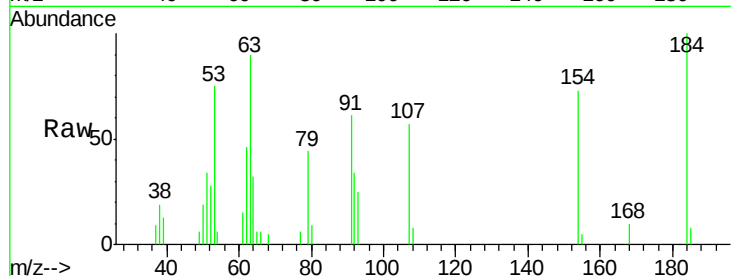




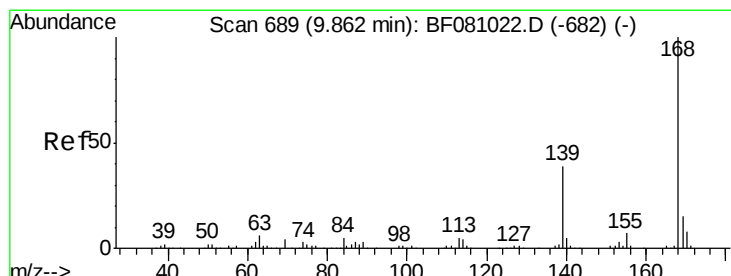
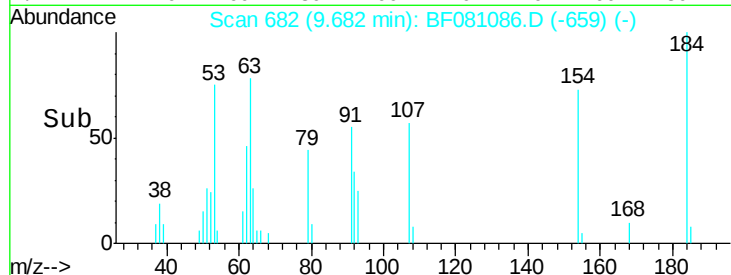
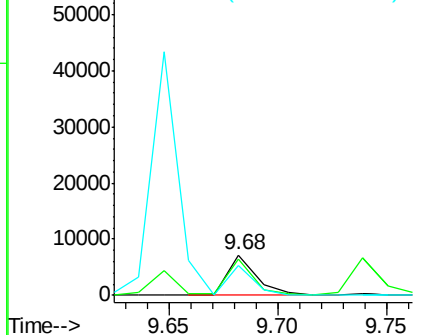
#53
2,4-Dinitrophenol
Concen: 9.29 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 6481
Ion Ratio Lower Upper
184 100
63 89.8 101.7 152.5#
154 73.3 67.4 101.0

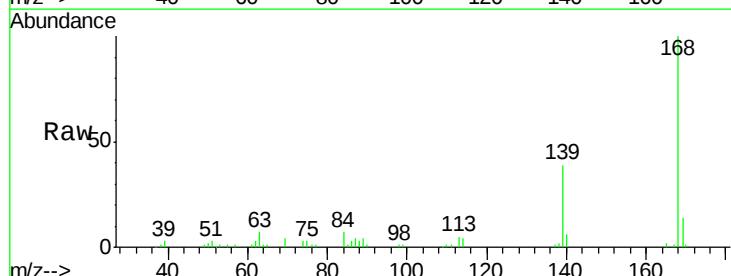


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

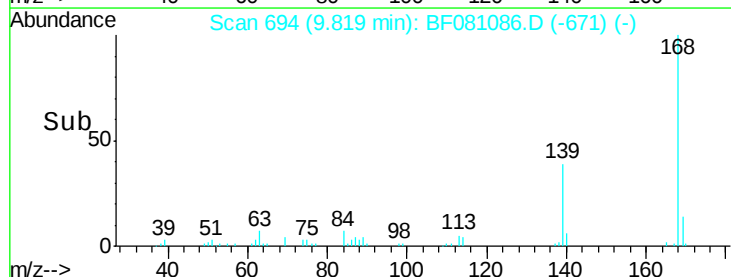
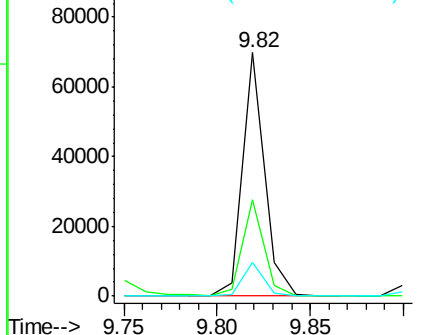


#54
Dibenzofuran
Concen: 4.85 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:168 Resp: 57280
Ion Ratio Lower Upper
168 100
139 39.5 29.3 43.9
169 13.8 10.3 15.5



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

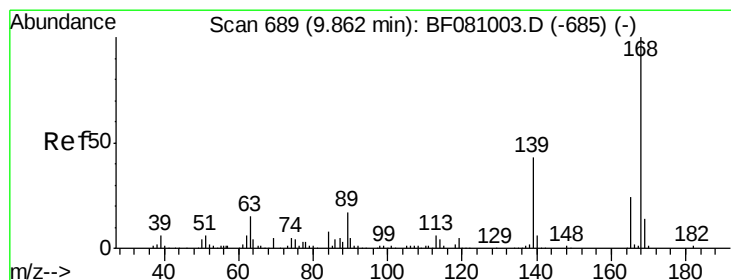
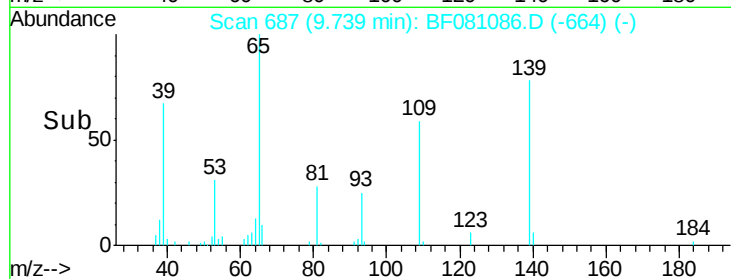
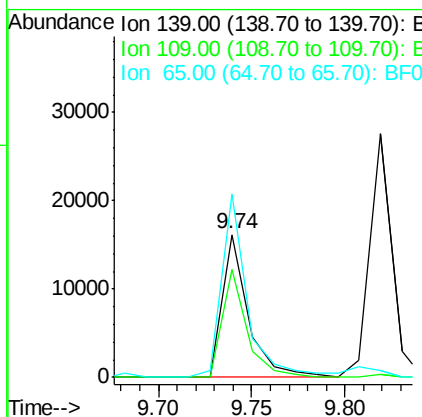
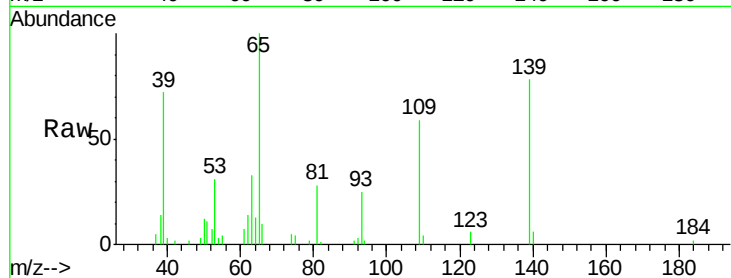




#55
4-Nitrophenol
Concen: 8.73 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

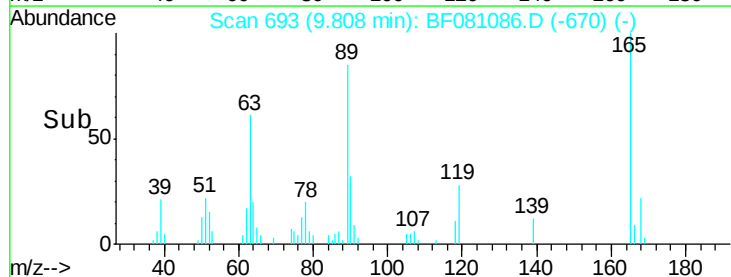
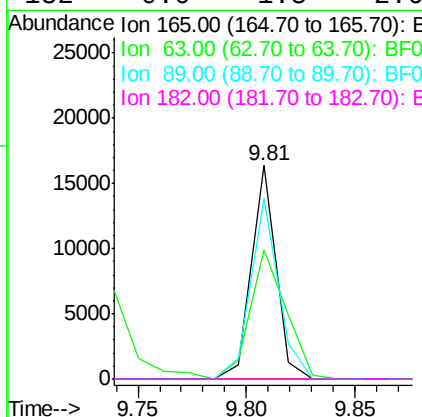
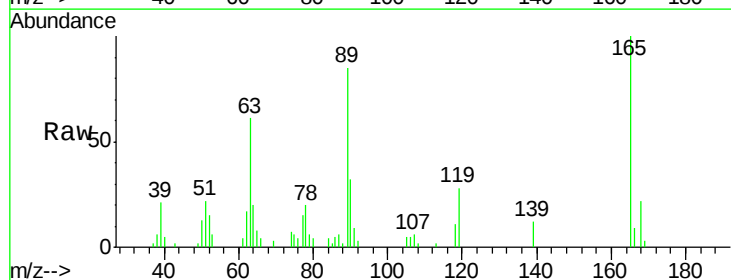
Instrument :
BNA_F
ClientSampleId :

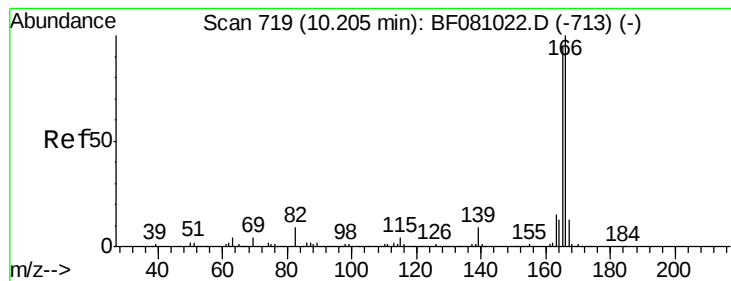
Tot Ion:139 Resp: 15780
Ion Ratio Lower Upper
139 100
109 75.9 80.0 120.0#
65 128.1 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 4.72 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:165 Resp: 12861
Ion Ratio Lower Upper
165 100
63 60.5 52.2 78.4
89 84.5 60.1 90.1
182 0.0 1.8 2.6#





#57

Fluorene

Concen: 5.01 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

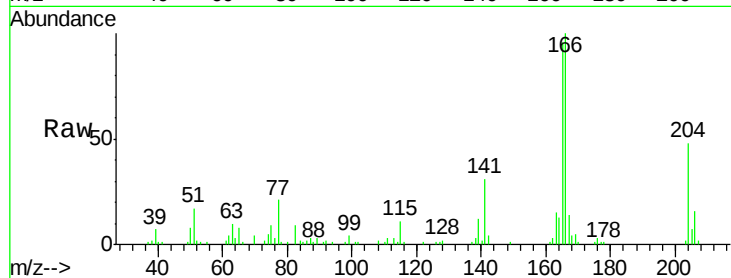
Tot Ion:166 Resp: 45505

Ion Ratio Lower Upper

166 100

165 96.4 75.8 113.8

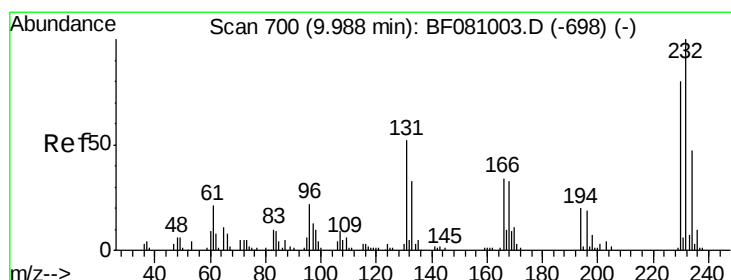
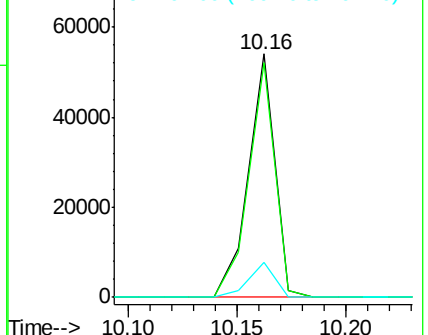
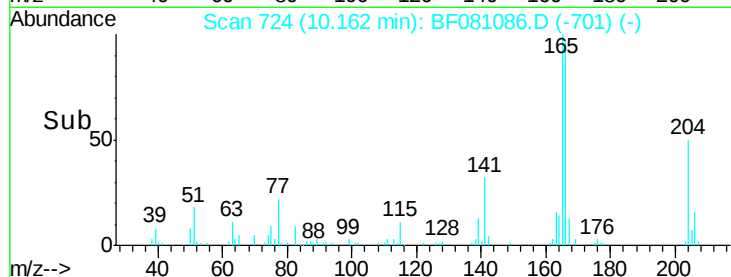
167 14.5 11.3 16.9



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: 4.54 ng

RT: 9.94 min Scan# 705

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Tgt Ion:232 Resp: 9315

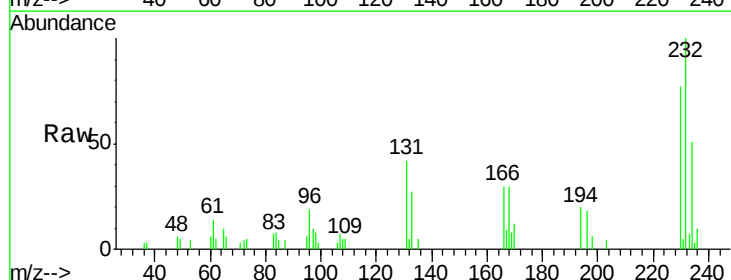
Ion Ratio Lower Upper

232 100

131 48.8 42.2 63.4

130 0.0 2.1 3.1#

166 31.3 22.4 33.6

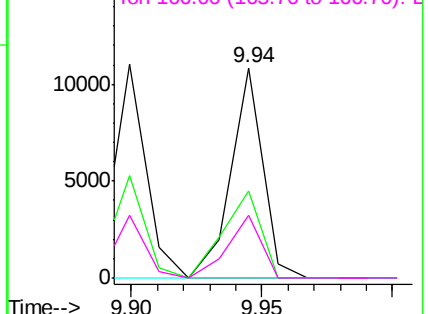
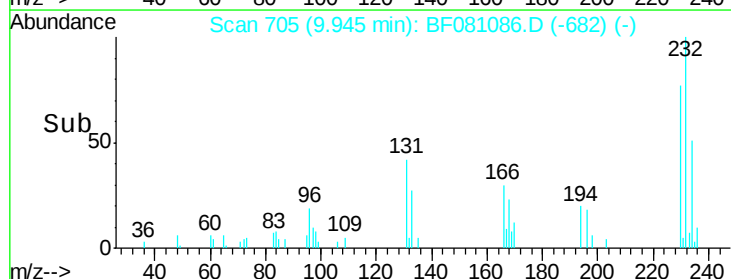


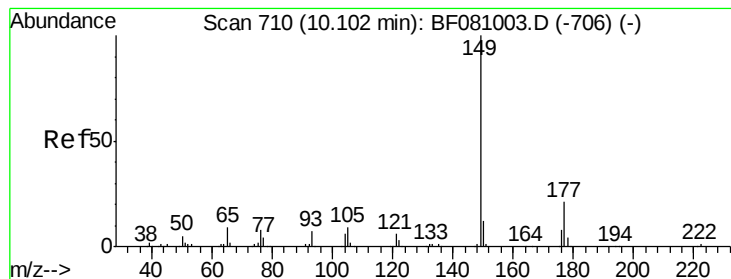
Abundance Ion 232.00 (231.70 to 232.70): E

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: 4.54 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

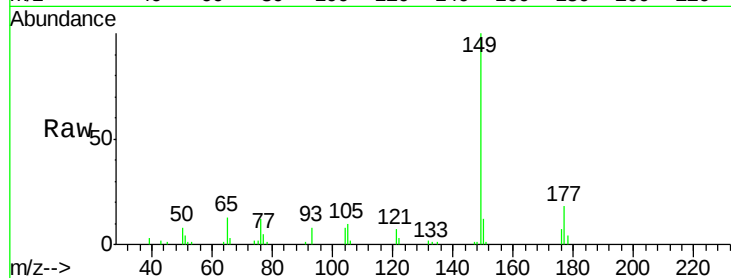
Tot Ion:149 Resp: 46028

Ion Ratio Lower Upper

149 100

177 18.0 14.1 21.1

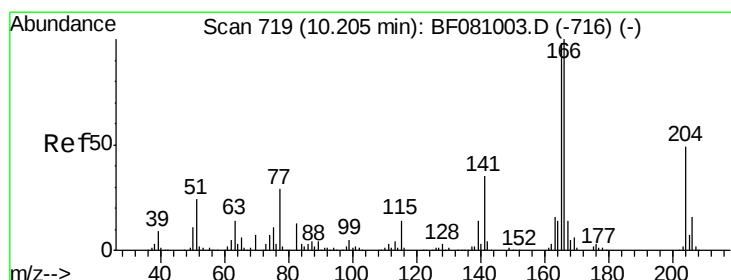
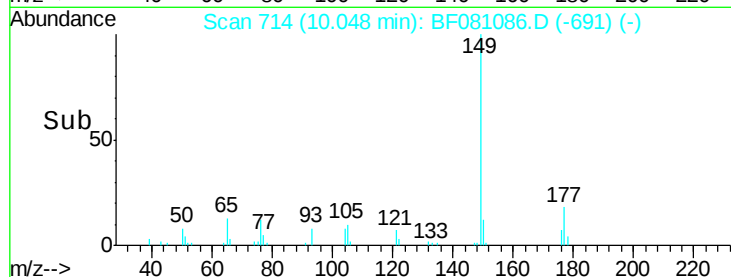
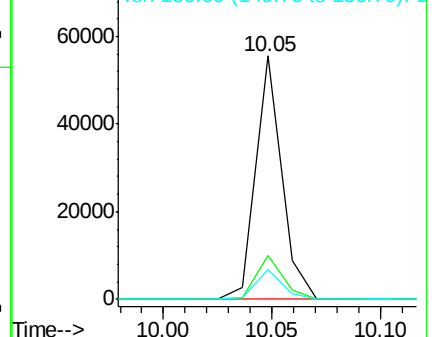
150 12.1 10.3 15.5



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: 5.38 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

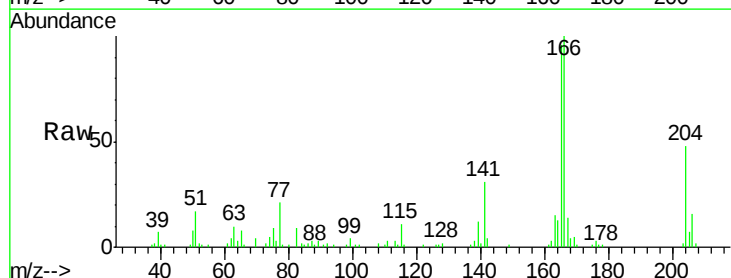
Tgt Ion:204 Resp: 20701

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

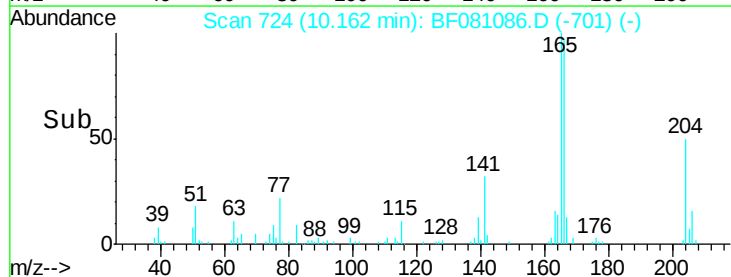
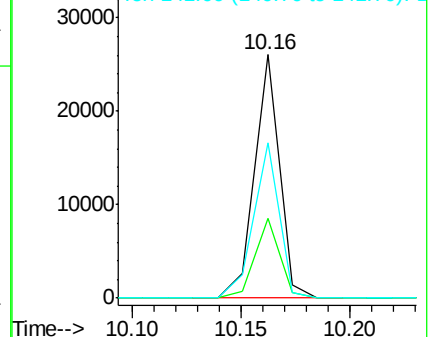
141 63.6 59.6 89.4

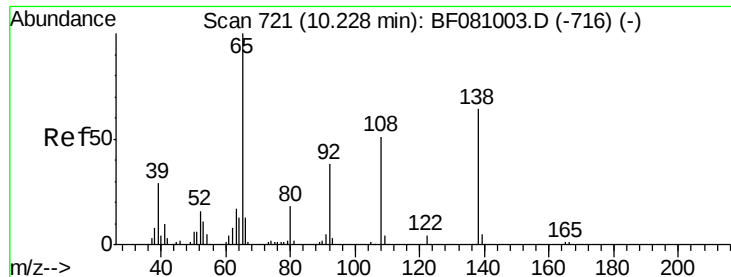


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

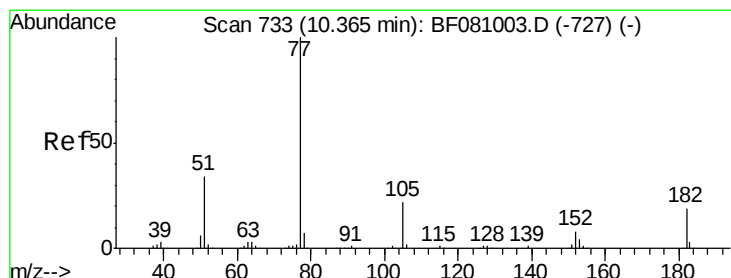
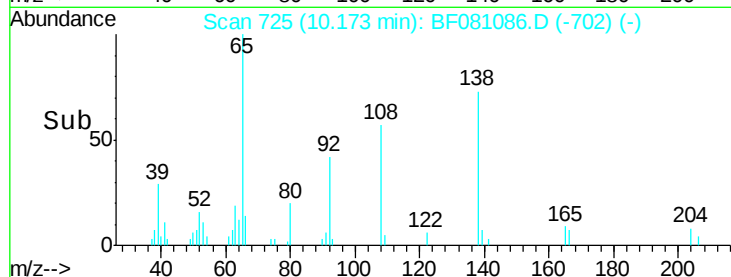
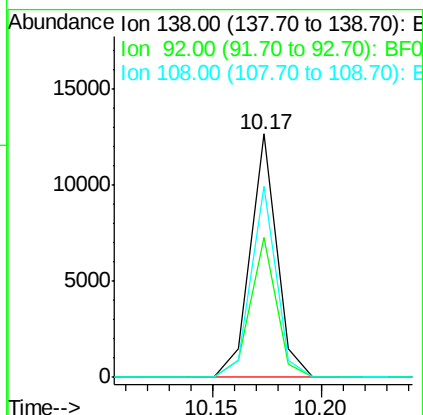
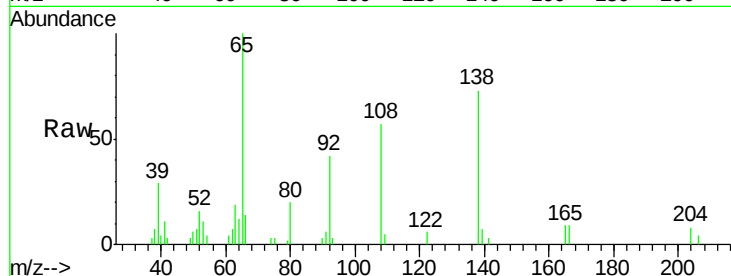




#61
4-Nitroaniline
Concen: 4.07 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

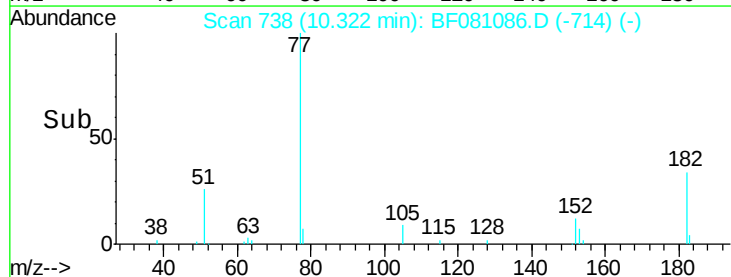
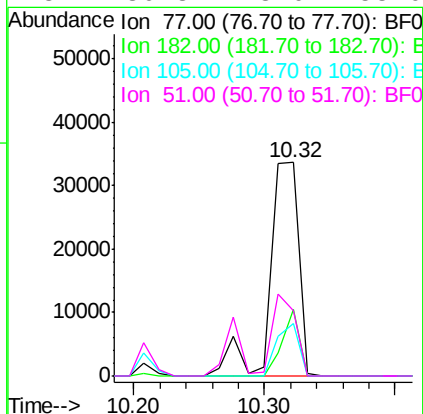
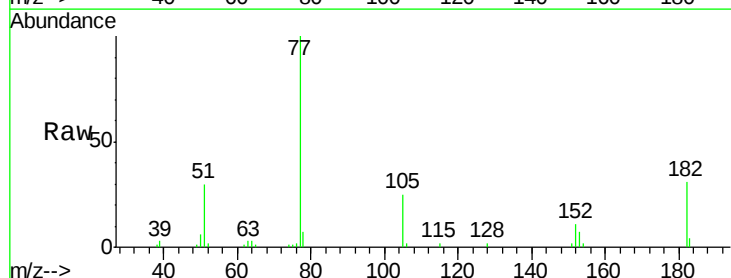
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 10715
Ion Ratio Lower Upper
138 100
92 57.5 34.7 74.7
108 78.4 68.9 108.9



#62
Azobenzene
Concen: 4.51 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion: 77 Resp: 52669
Ion Ratio Lower Upper
77 100
182 30.9 0.0 39.0
105 24.6 0.2 40.2
51 30.3 18.0 58.0

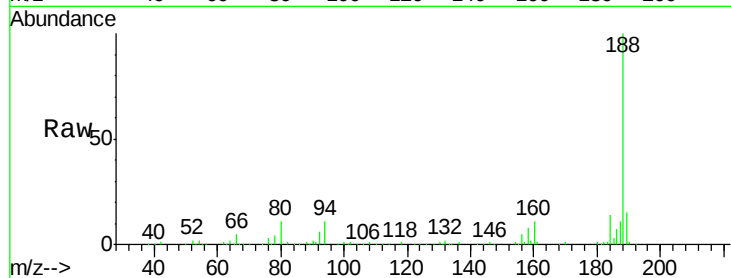




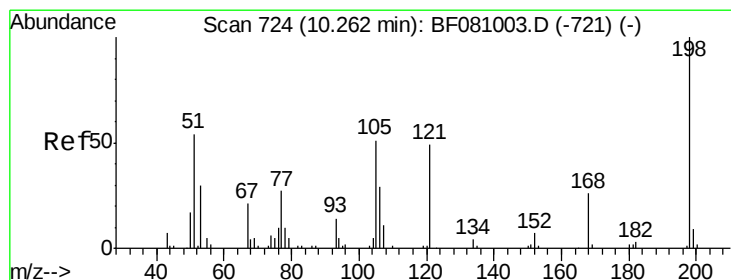
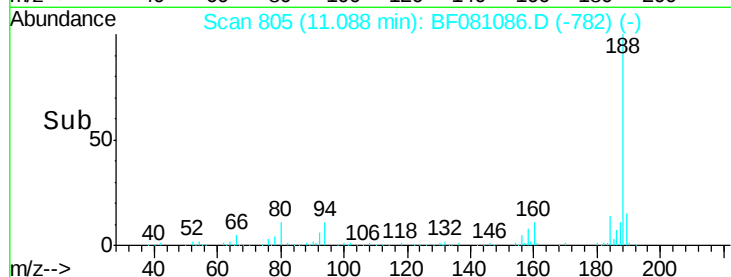
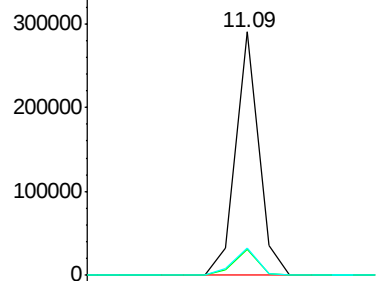
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 246656
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 11.3 9.5 14.3

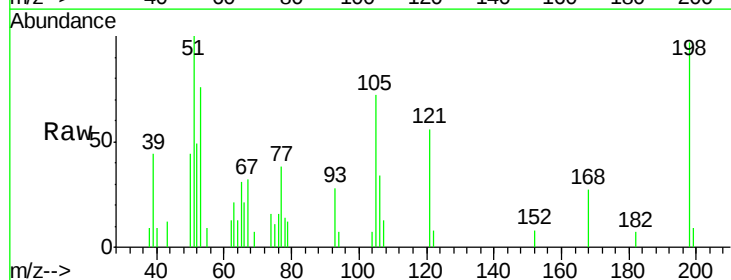


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

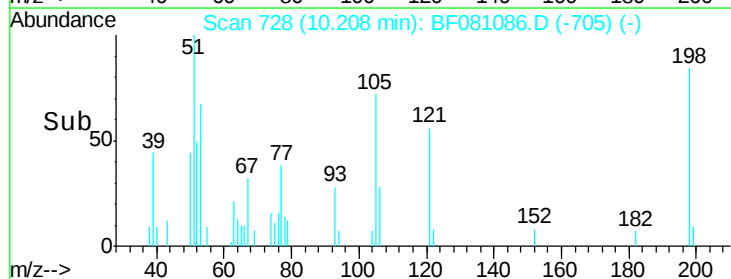
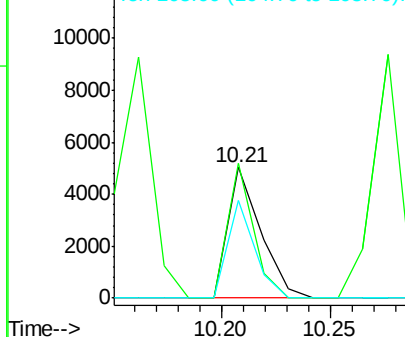


#64
4,6-Dinitro-2-methylphenol
Concen: 3.56 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:198 Resp: 5237
Ion Ratio Lower Upper
198 100
51 103.0 79.7 119.7
105 74.3 47.0 87.0



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

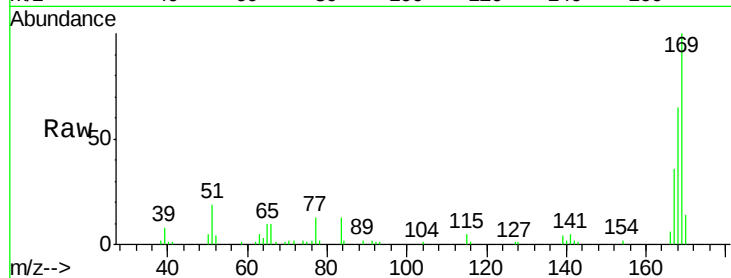




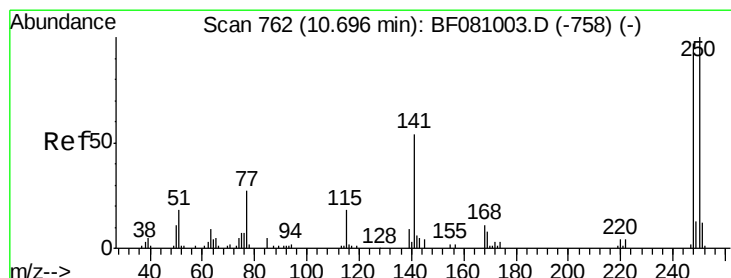
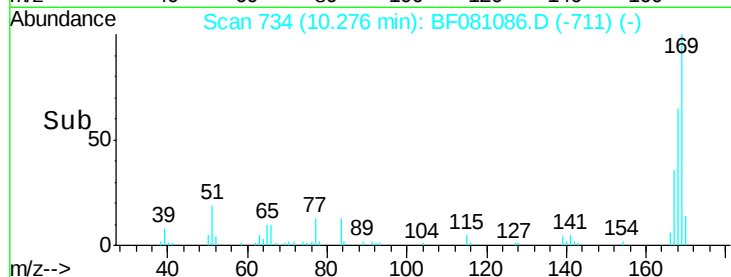
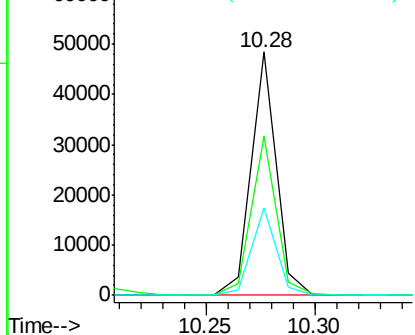
#65
 n-Nitrosodiphenylamine
 Concen: 4.41 ng
 RT: 10.28 min Scan# 734
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 38785
 Ion Ratio Lower Upper
 169 100
 168 65.4 55.3 82.9
 167 35.7 30.8 46.2

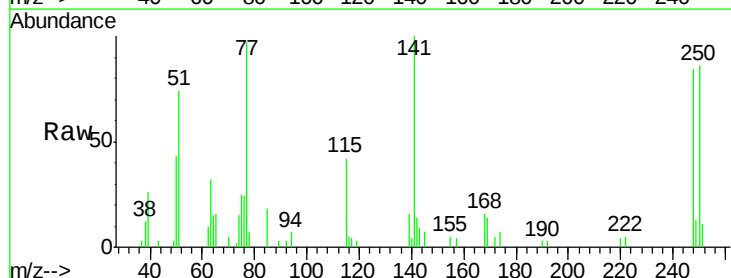


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

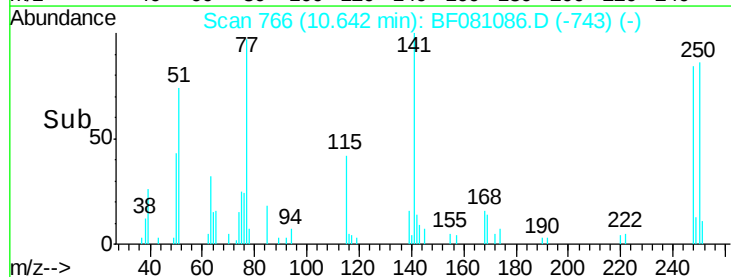
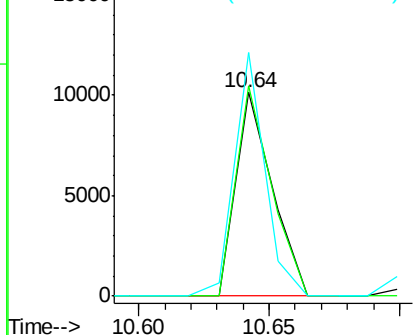


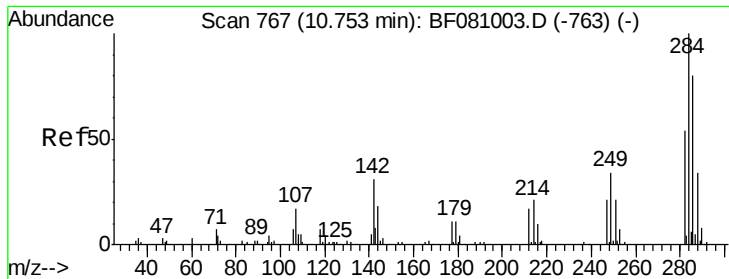
#66
 4-Bromophenyl-phenylether
 Concen: 4.07 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion:248 Resp: 9873
 Ion Ratio Lower Upper
 248 100
 250 103.3 77.8 116.6
 141 119.7 39.8 59.6#



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





#67

Hexachlorobenzene

Concen: 4.02 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

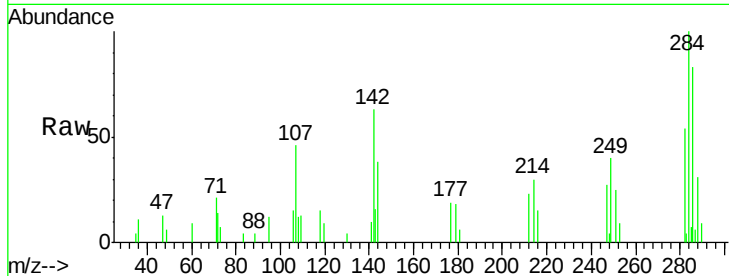
Tot Ion:284 Resp: 9873

Ion Ratio Lower Upper

284 100

142 62.7 25.4 38.0#

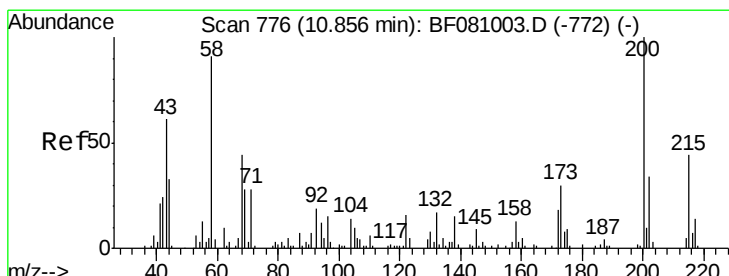
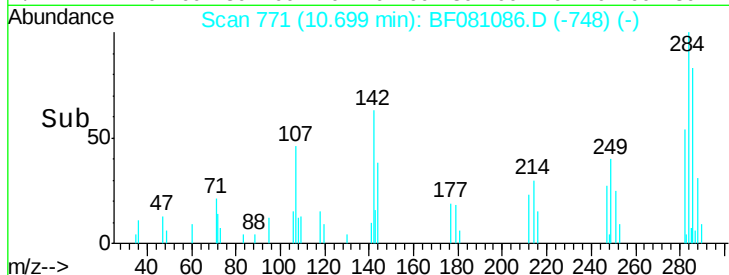
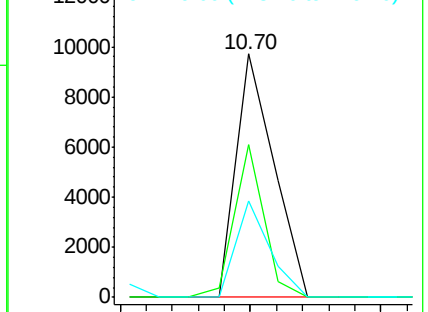
249 39.5 28.5 42.7



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: 4.56 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

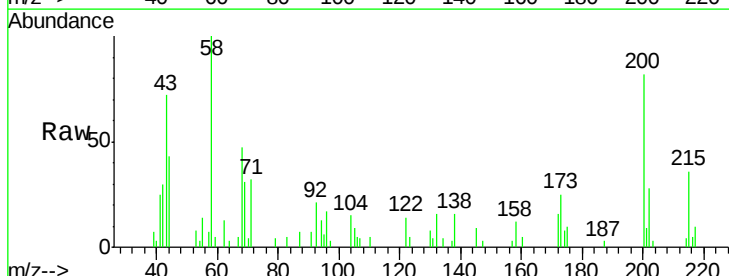
Tgt Ion:200 Resp: 11179

Ion Ratio Lower Upper

200 100

173 30.9 8.1 48.1

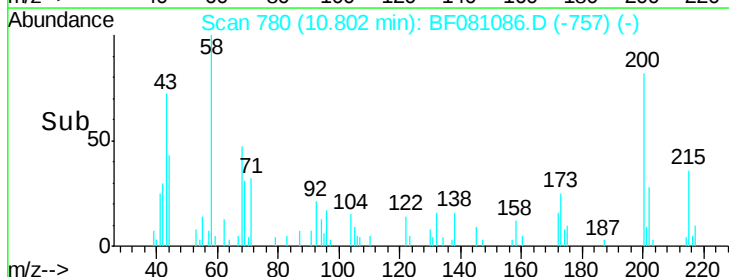
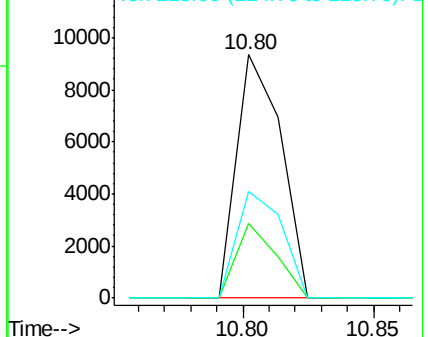
215 43.6 23.3 63.3

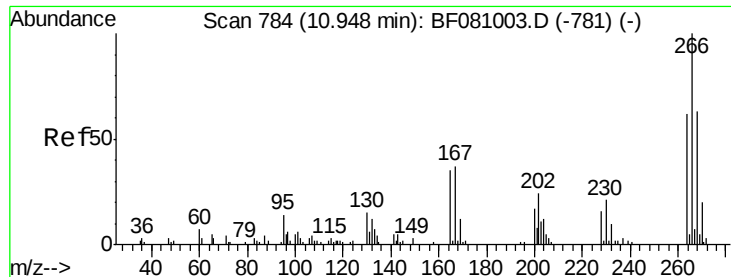


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

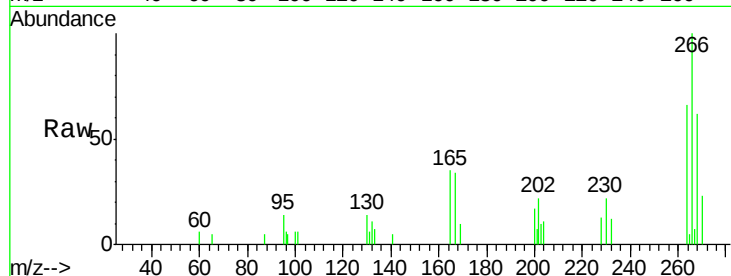




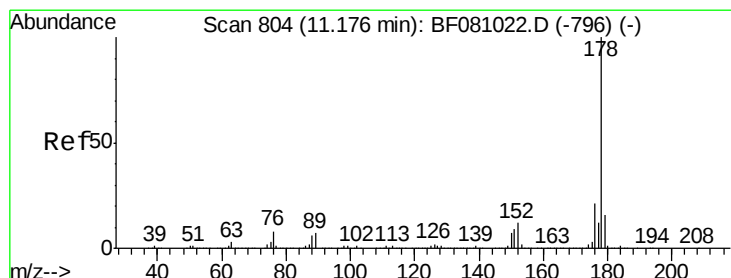
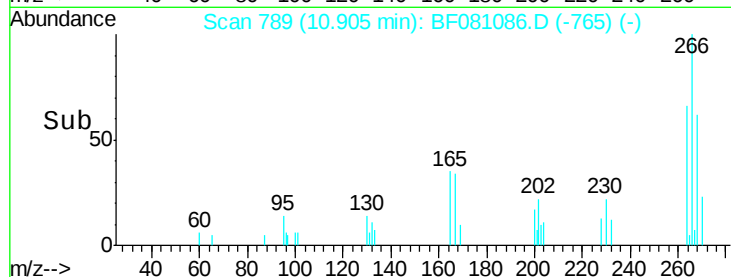
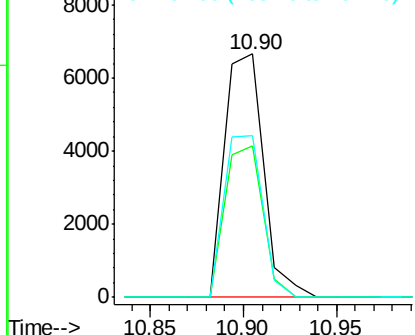
#69
 Pentachlorophenol
 Concen: 6.63 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 9762
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.2 76.8
 264 66.5 50.6 75.8

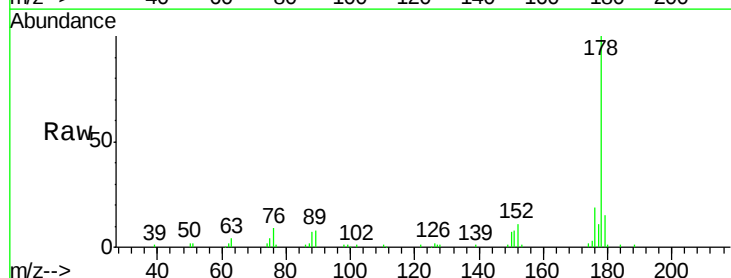


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

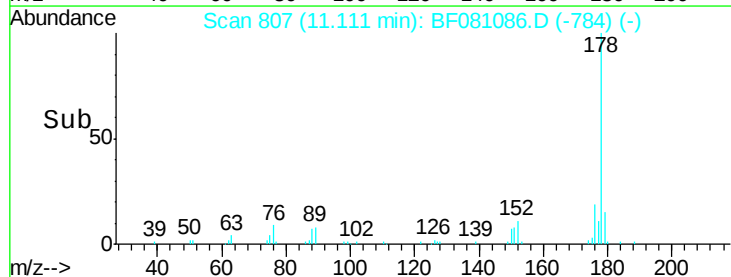
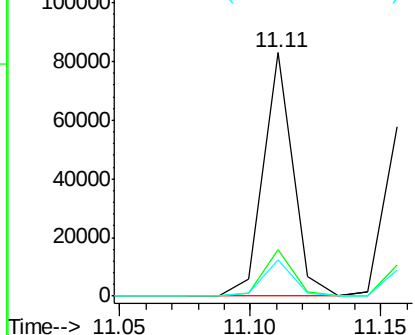


#70
 Phenanthrene
 Concen: 4.47 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion:178 Resp: 65379
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 14.8 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

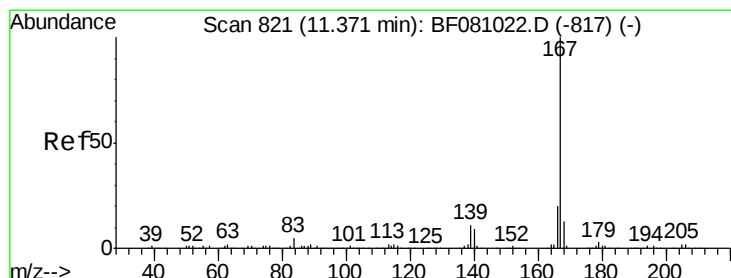
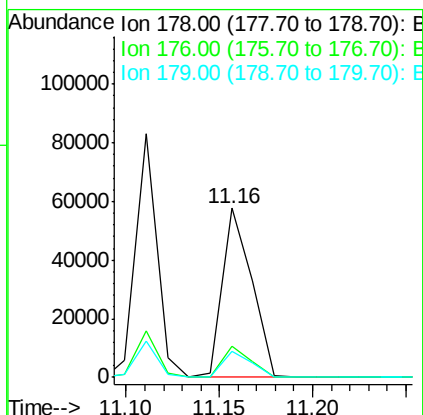
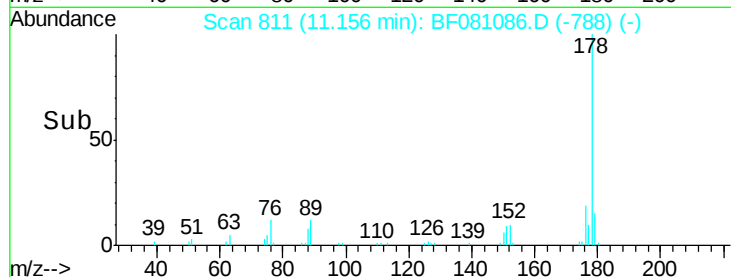
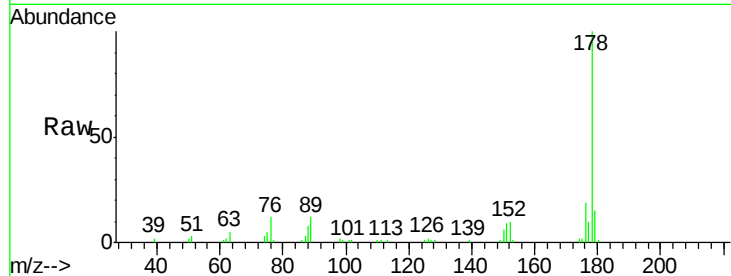




#71
 Anthracene
 Concen: 4.48 ng
 RT: 11.16 min Scan# 811
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

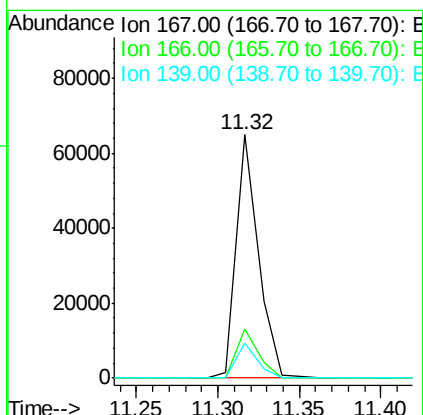
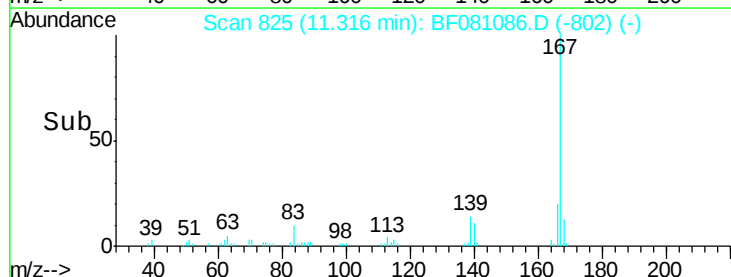
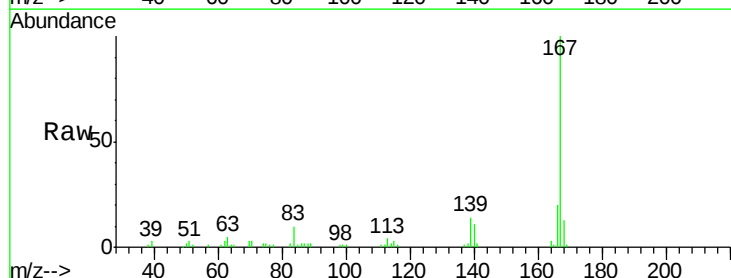
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 63768
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.7 23.5
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 4.41 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion:167 Resp: 60349
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.4 26.0
 139 14.5 10.6 16.0





#73

Di-n-butylphthalate

Concen: 4.64 ng

RT: 11.67 min Scan# 856

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

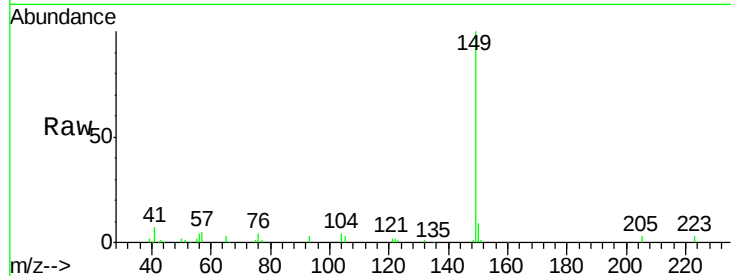
Tot Ion:149 Resp: 76840

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

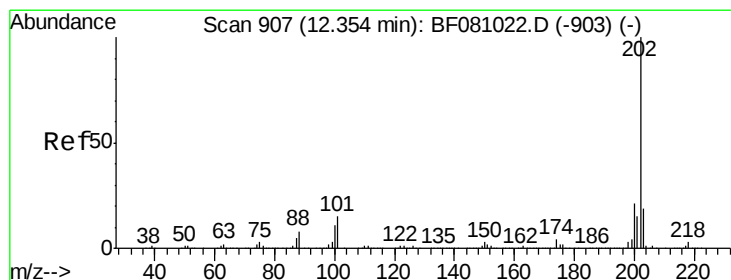
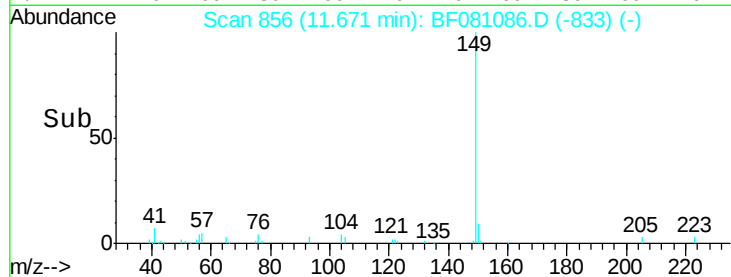
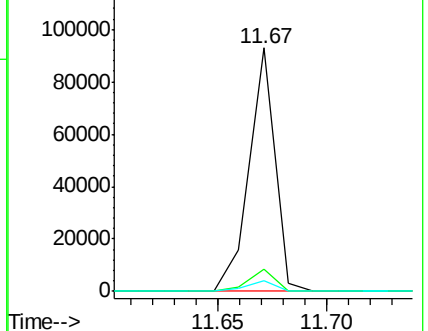
104 4.3 3.9 5.9



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: 4.55 ng

RT: 12.29 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

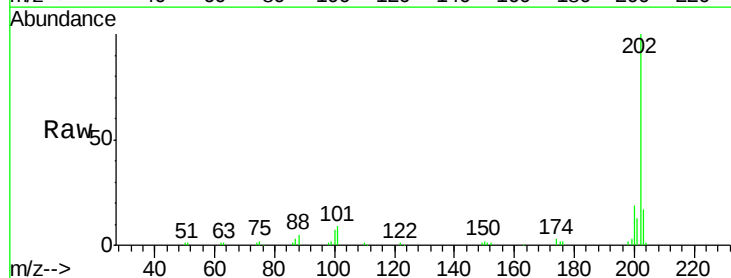
Tgt Ion:202 Resp: 71717

Ion Ratio Lower Upper

202 100

101 9.0 0.0 24.8

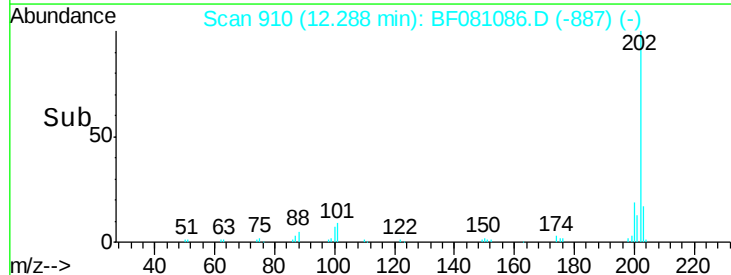
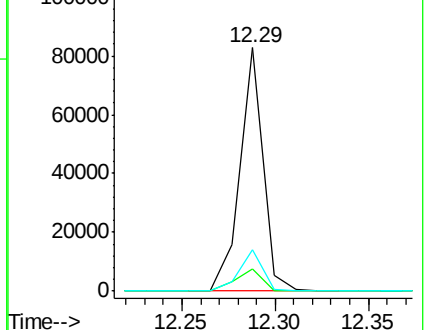
203 16.9 0.0 36.9

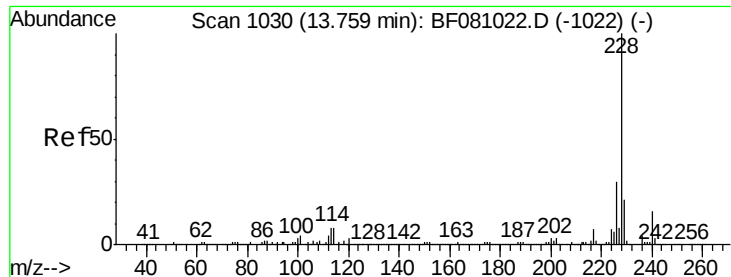


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

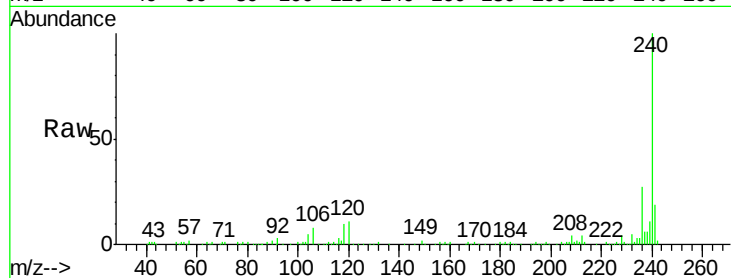
Tot Ion:240 Resp: 226170

Ion Ratio Lower Upper

240 100

120 11.1 5.6 8.4#

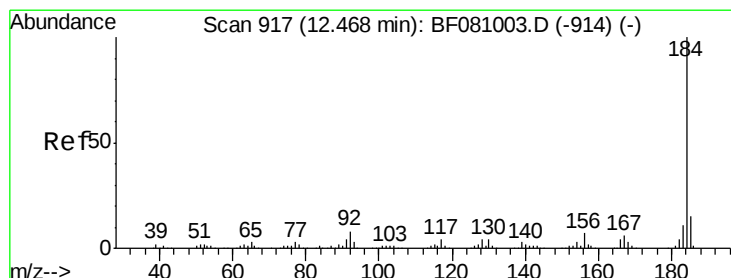
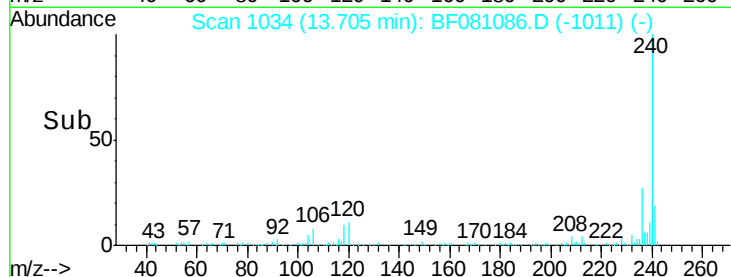
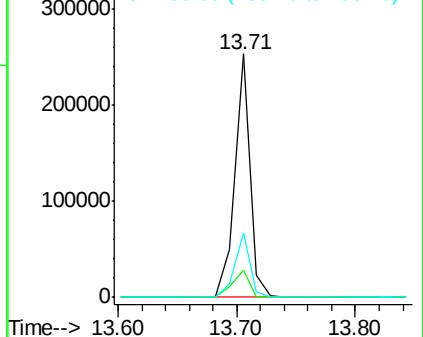
236 26.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.28 ng

RT: 12.41 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

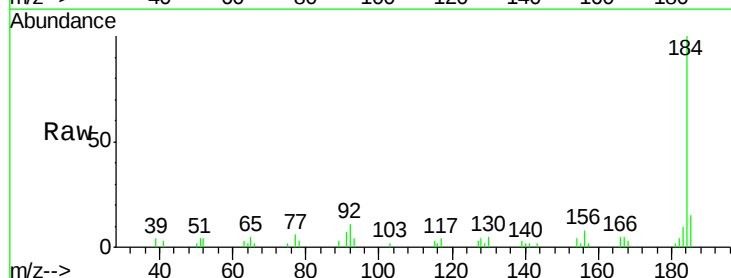
Tgt Ion:184 Resp: 28051

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

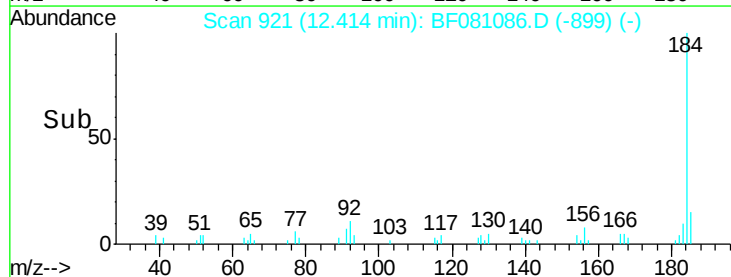
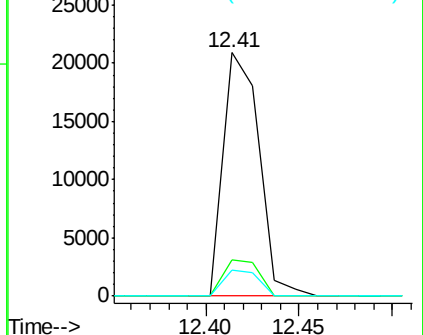
183 10.5 8.9 13.3

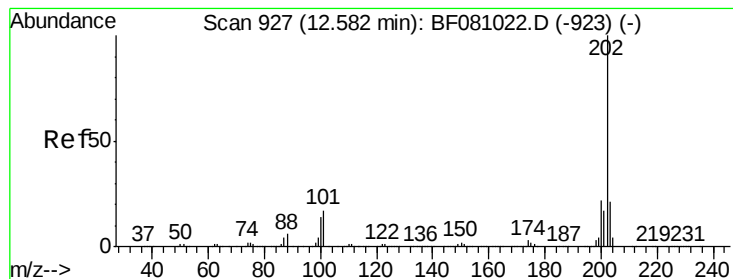


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 3.74 ng

RT: 12.51 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

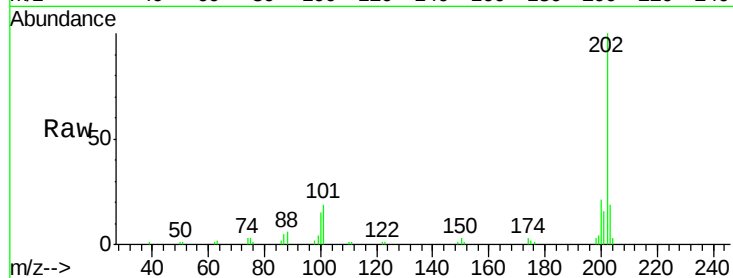
Tot Ion:202 Resp: 68703

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

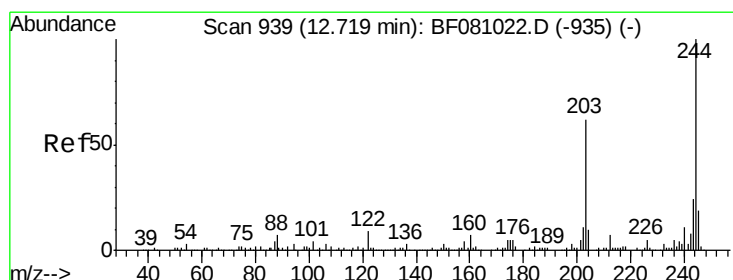
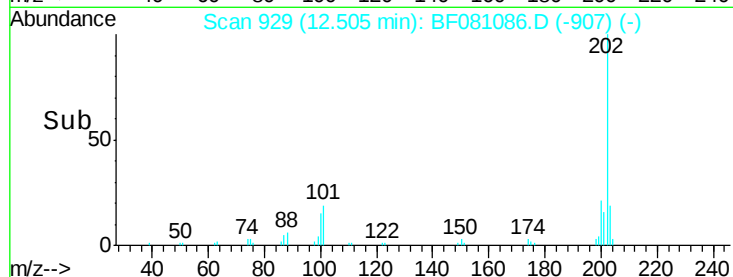
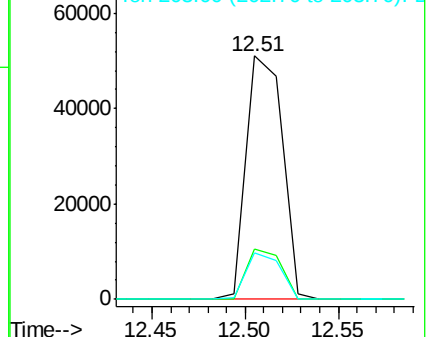
203 19.2 14.1 21.1



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: 7.87 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

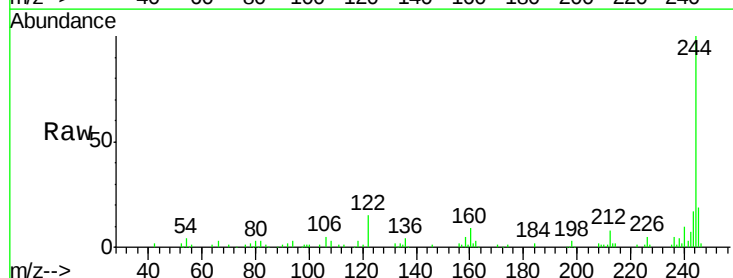
Tgt Ion:244 Resp: 83077

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

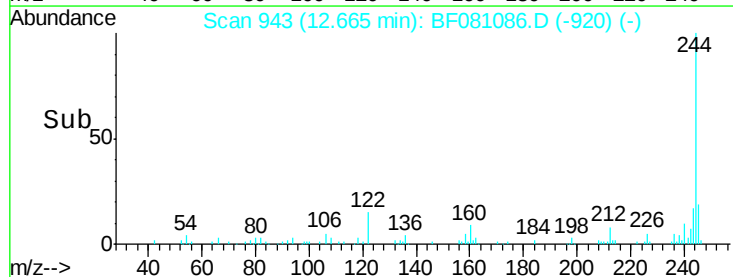
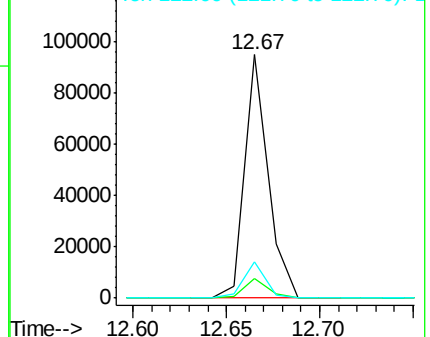
122 14.8 8.2 12.4#



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

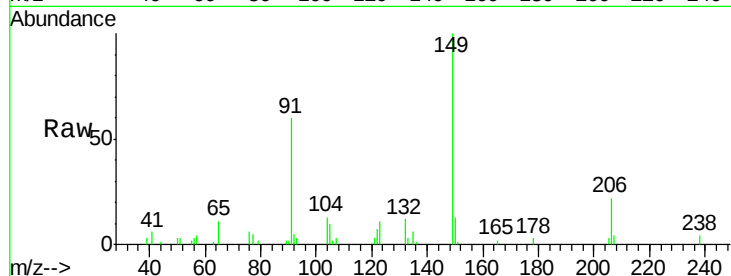




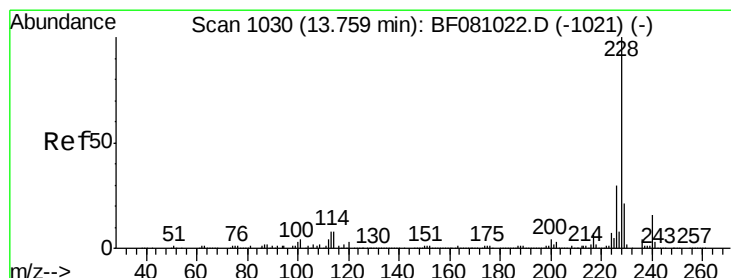
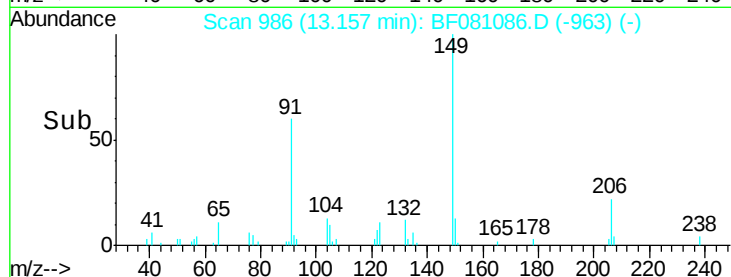
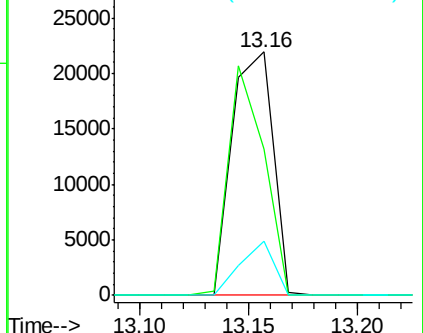
#79
Butylbenzylphthalate
Concen: 3.63 ng
RT: 13.16 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 28693
Ion Ratio Lower Upper
149 100
91 60.3 46.9 70.3
206 22.4 17.0 25.4

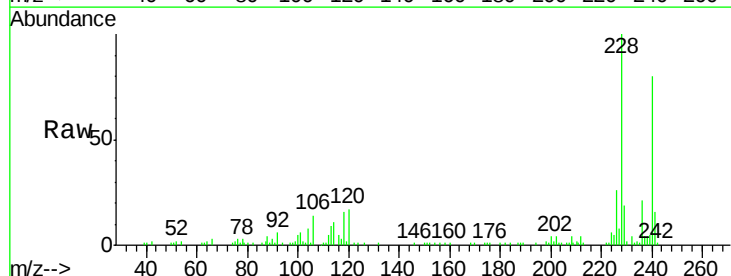


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

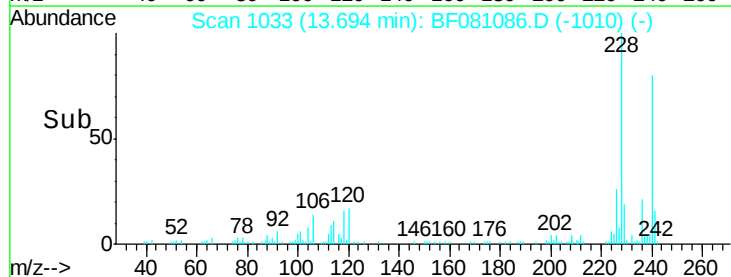
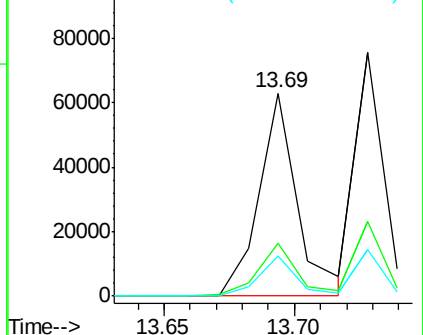


#80
Benzo(a)anthracene
Concen: 4.28 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:228 Resp: 64975
Ion Ratio Lower Upper
228 100
226 25.8 22.3 33.5
229 19.4 15.9 23.9



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

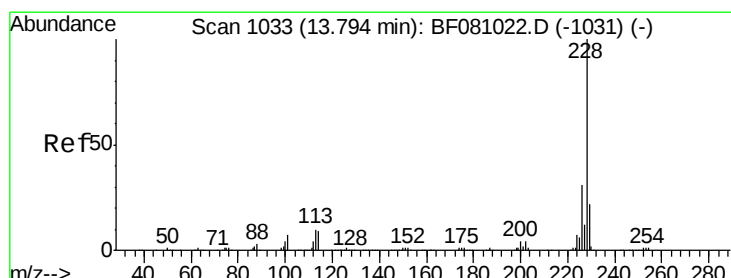
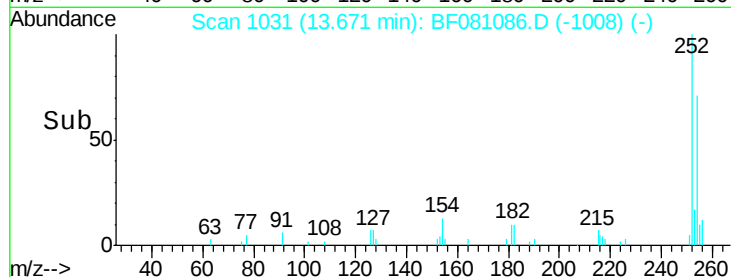
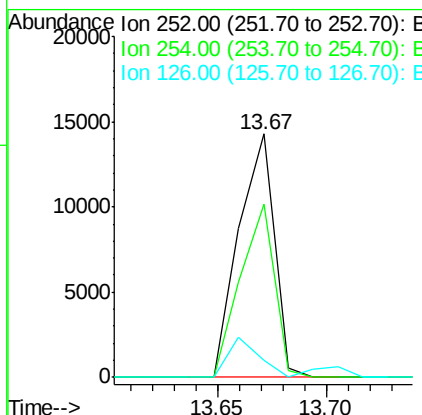
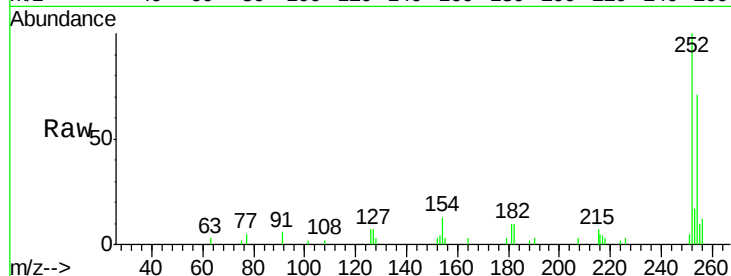




#81
 3,3'-Dichlorobenzidine
 Concen: 3.29 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

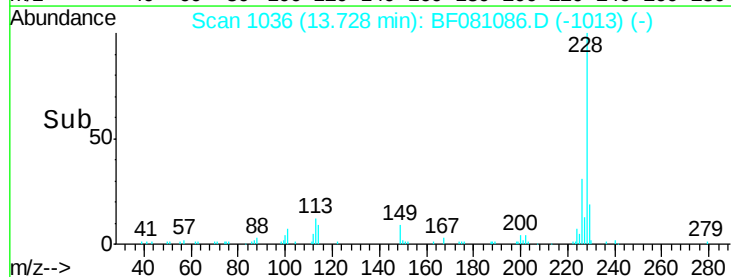
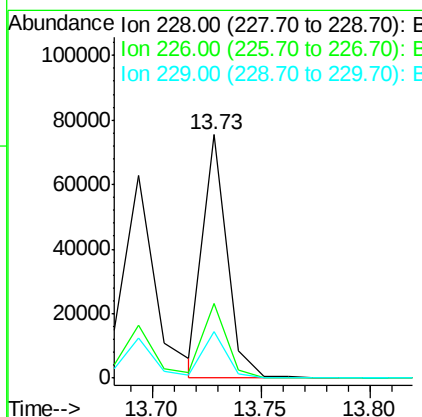
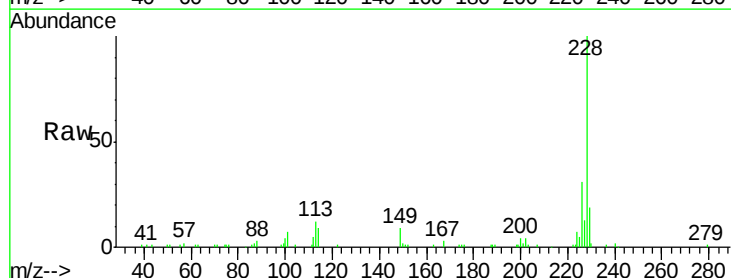
Instrument :
 BNA_F
 ClientSampleId :

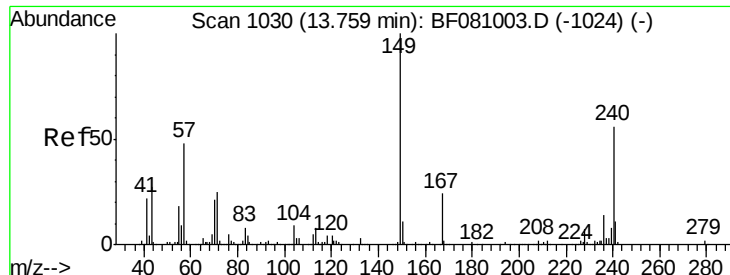
Tot Ion:252 Resp: 16158
 Ion Ratio Lower Upper
 252 100
 254 71.4 51.5 77.3
 126 6.9 12.5 18.7#



#82
 Chrysene
 Concen: 4.26 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.04 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion:228 Resp: 58192
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 18.9 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.75 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

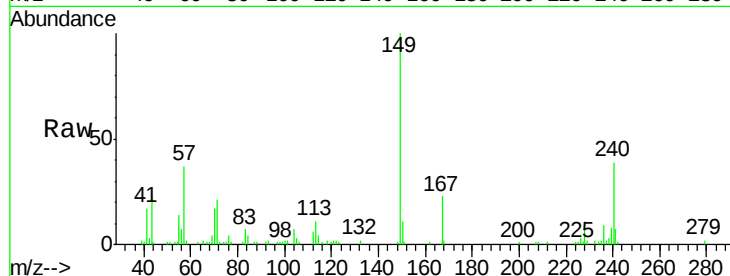
Tot Ion:149 Resp: 48057

Ion Ratio Lower Upper

149 100

167 23.2 20.7 31.1

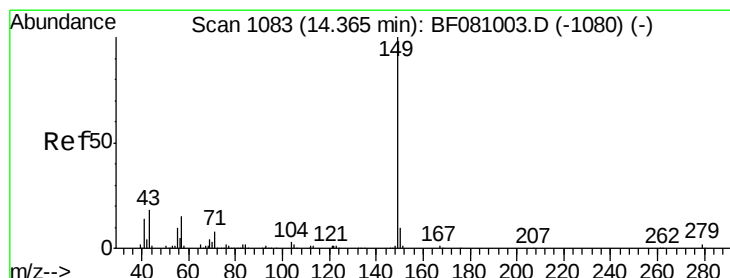
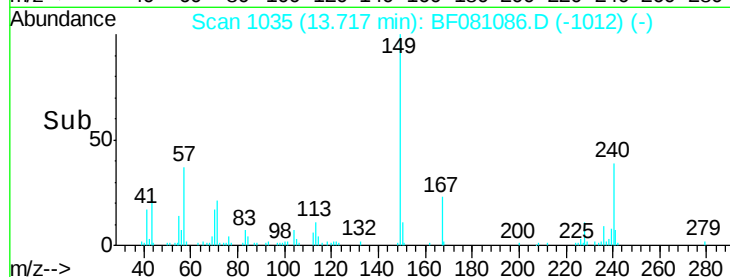
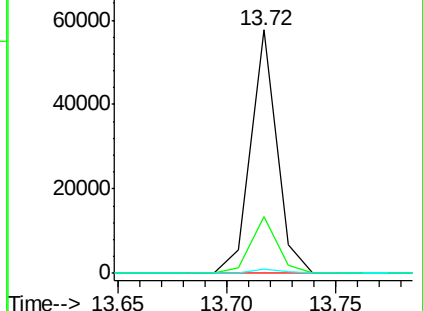
279 1.9 2.2 3.4#



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: 4.98 ng

RT: 14.32 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

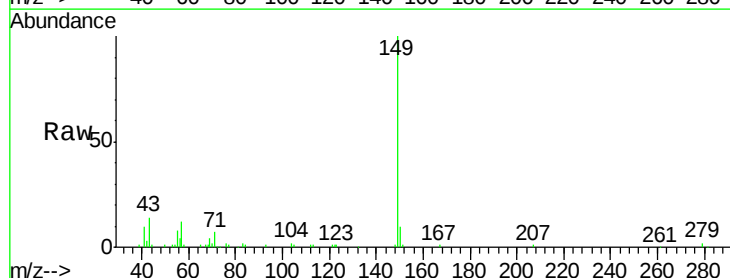
Tgt Ion:149 Resp: 76668

Ion Ratio Lower Upper

149 100

167 1.0 1.1 1.7#

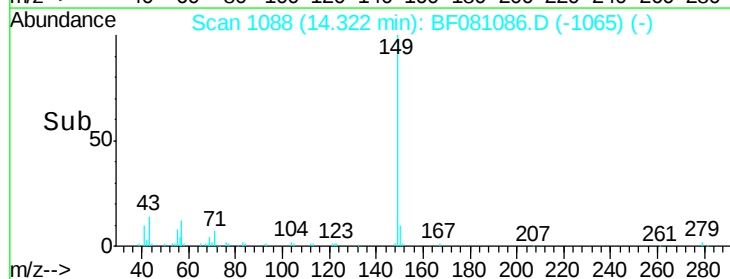
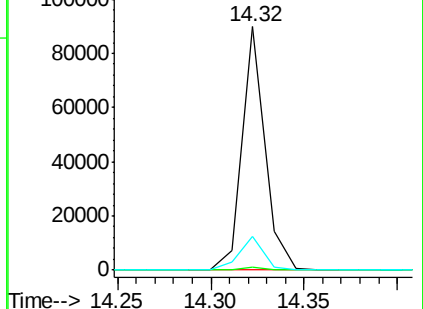
43 15.7 11.6 17.4



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

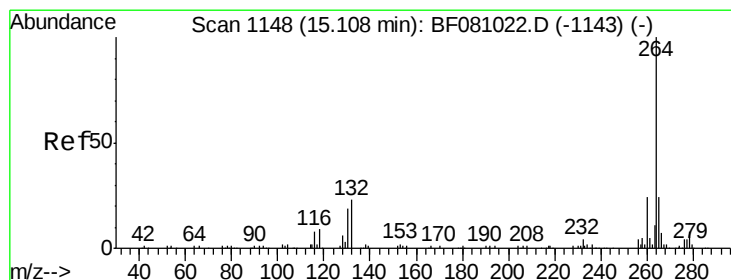
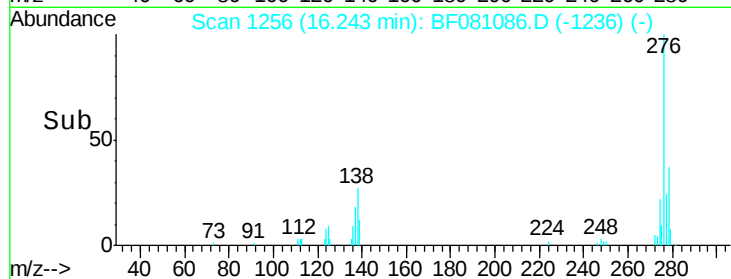
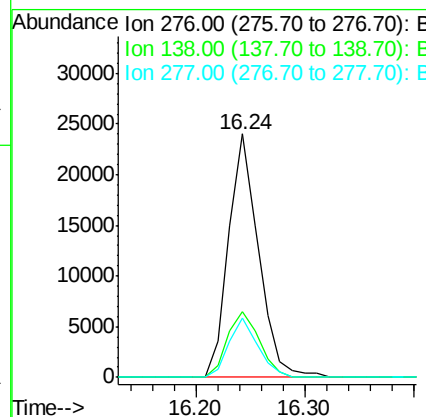
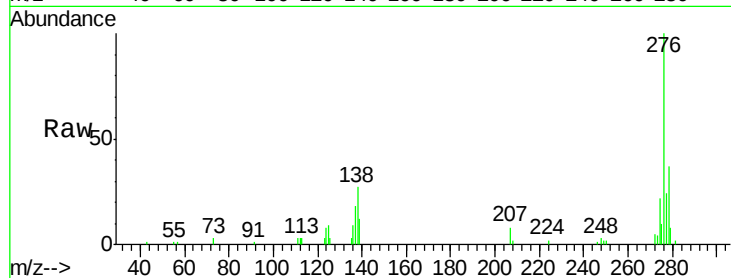




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.77 ng
 RT: 16.24 min Scan# 1256
 Delta R.T. -0.08 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

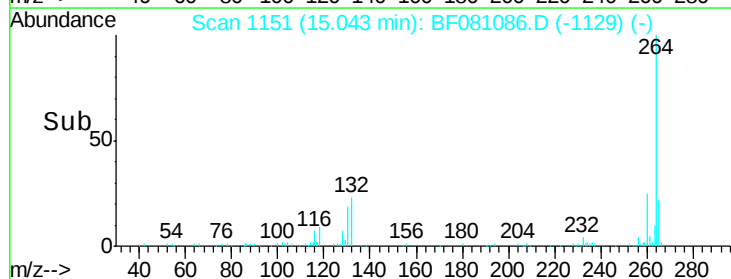
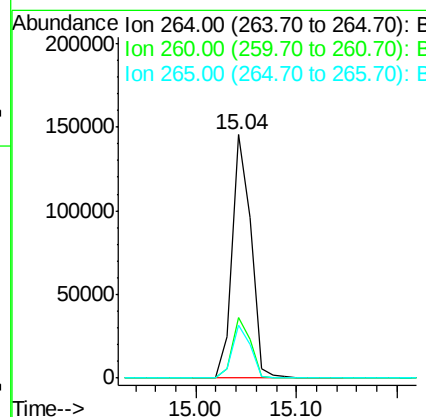
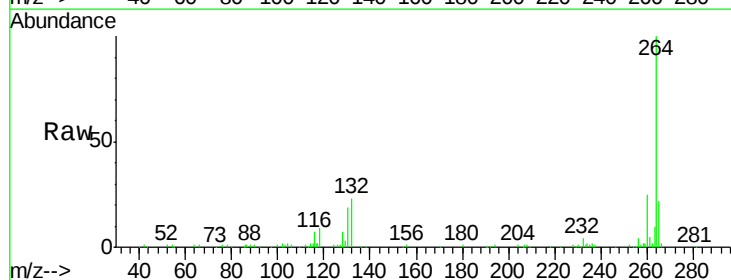
Instrument :
 BNA_F
 ClientSampleId :

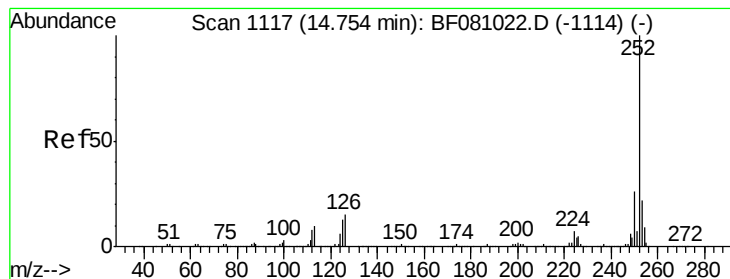
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	18.6	28.0#
277	23.6	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.88 ng

RT: 14.71 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

Instrument :

BNA_F

ClientSampleId :

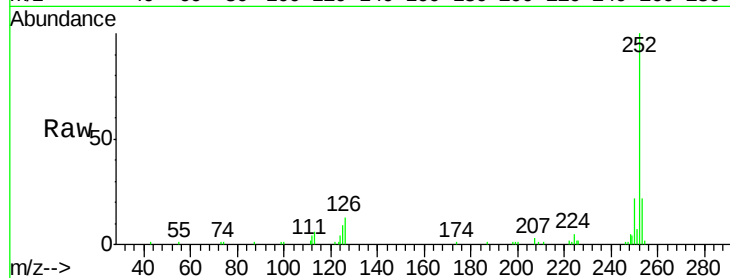
Tot Ion:252 Resp: 105450

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

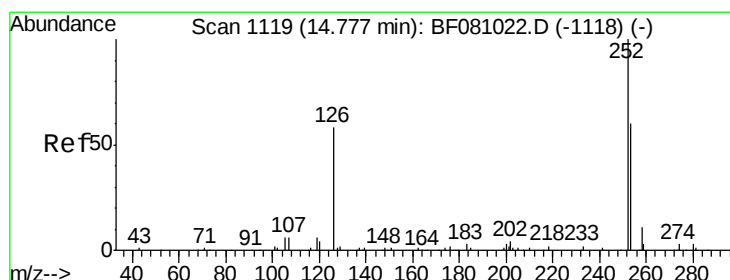
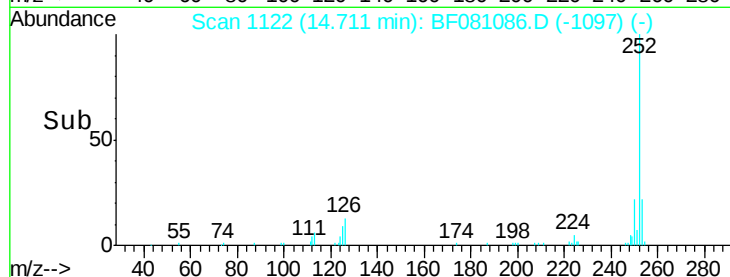
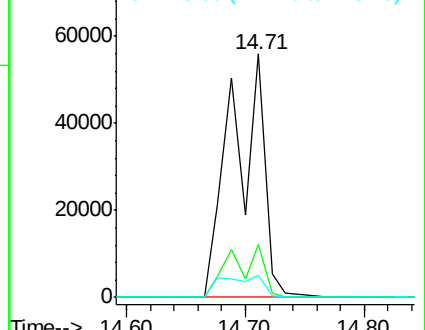
125 9.3 8.0 12.0



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



#88

Benzo(k)fluoranthene

Concen: 8.46 ng

RT: 14.71 min Scan# 1122

Delta R.T. -0.05 min

Lab File: BF081086.D

Acq: 19 Aug 2015 17:46

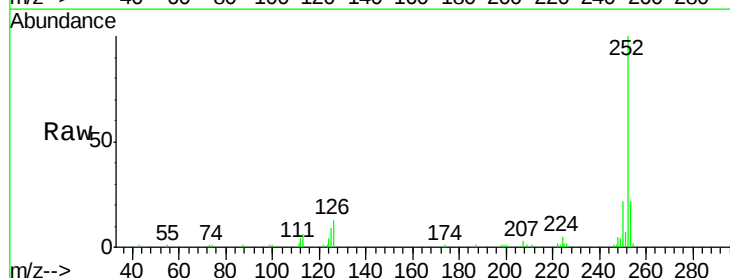
Tgt Ion:252 Resp: 105450

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

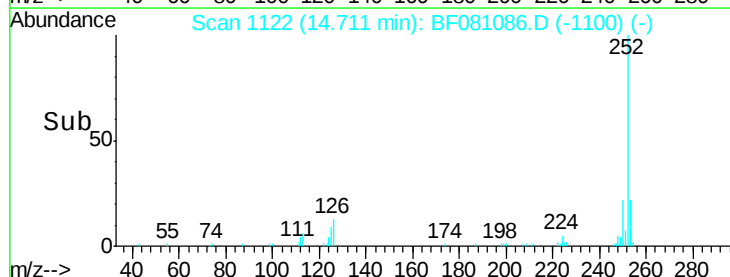
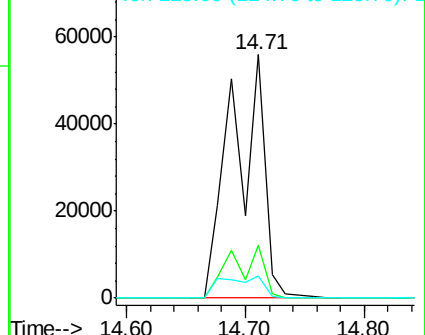
125 9.3 10.3 15.5#

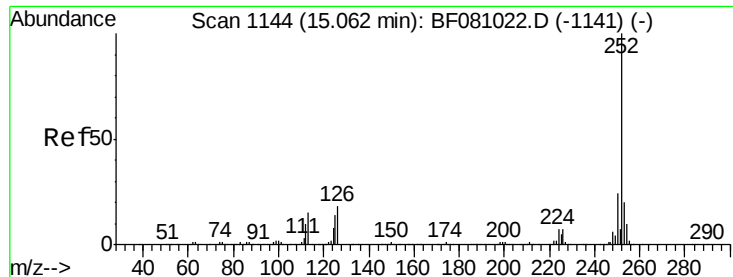


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

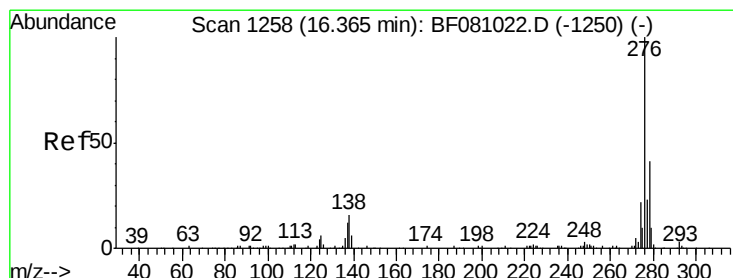
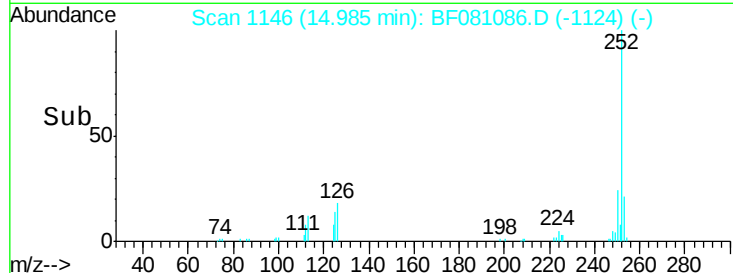
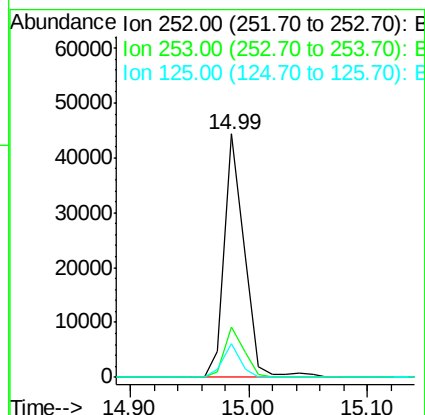
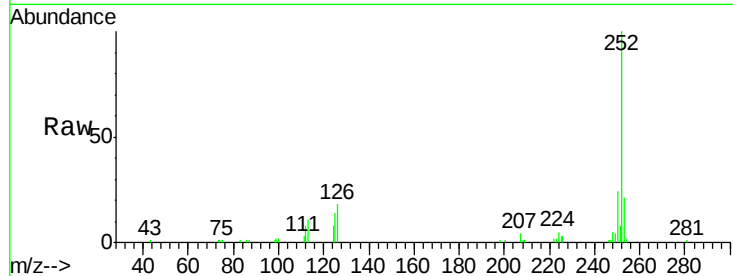




#89
Benzo(a)pyrene
Concen: 4.43 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.05 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

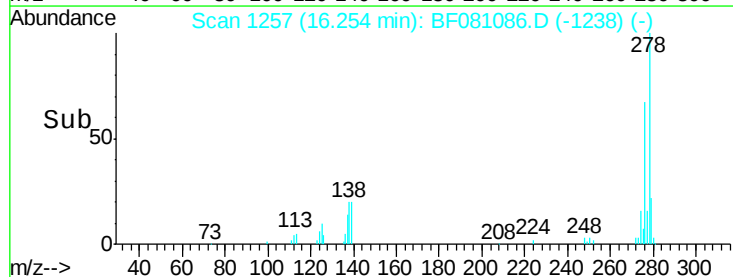
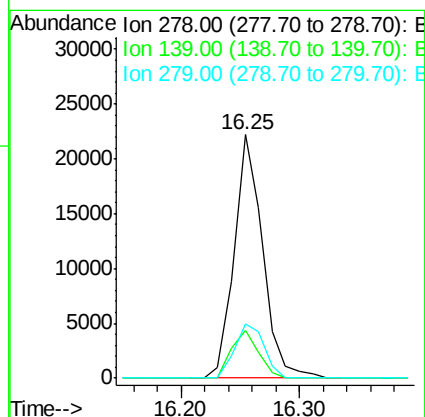
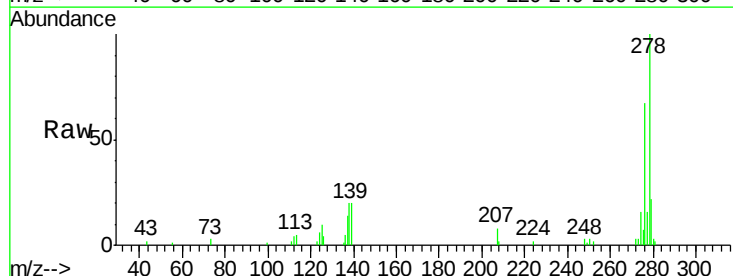
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 51697
Ion Ratio Lower Upper
252 100
253 20.8 16.6 25.0
125 14.0 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 4.08 ng
RT: 16.25 min Scan# 1257
Delta R.T. -0.09 min
Lab File: BF081086.D
Acq: 19 Aug 2015 17:46

Tgt Ion:278 Resp: 37036
Ion Ratio Lower Upper
278 100
139 19.6 10.8 16.2#
279 22.2 19.0 28.6

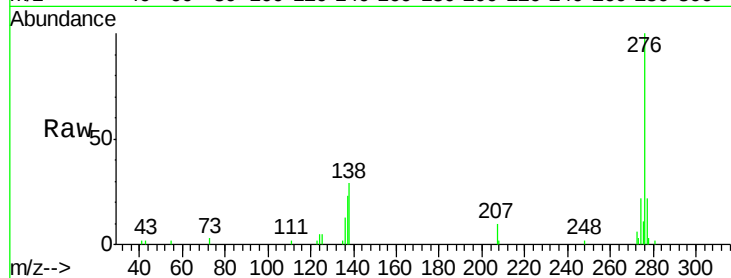




#91
 Benzo(a,h,i)perylene
 Concen: 3.89 ng
 RT: 16.60 min Scan# 1287
 Delta R.T. -0.09 min
 Lab File: BF081086.D
 Acq: 19 Aug 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.2	27.2
138	28.9	13.7	20.5



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

