

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081419.D
 Acq On : 4 Sep 2015 15:00
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 00:55:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	69741	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	273821	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	120155	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	233543	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	147238	20.00	ng	-0.03
86) Perylene-d12	14.77	264	113544	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	360176	80.13	ng	-0.02
7) Phenol-d6	6.03	99	464084	78.00	ng	-0.02
23) Nitrobenzene-d5	6.95	82	462353	81.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	91270	85.31	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	749588	79.95	ng	-0.02
78) Terphenyl-d14	12.44	244	587614	92.90	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	66702	33.04	ng	# 94
3) Pyridine	2.23	79	197405	35.46	ng	# 90
4) n-Nitrosodimethylamine	2.19	42	129771	41.96	ng	# 75
6) Aniline	6.02	93	317830	37.83	ng	# 82
8) 2-Chlorophenol	6.15	128	197725	39.92	ng	# 83
9) Benzaldehyde	5.90	77	141705	38.01	ng	# 75
10) Phenol	6.04	94	243454	35.28	ng	# 43
11) bis(2-Chloroethyl)ether	6.11	93	189075	37.98	ng	# 85
12) 1,3-Dichlorobenzene	6.30	146	200384	37.86	ng	# 90
13) 1,4-Dichlorobenzene	6.38	146	195383	36.26	ng	# 88
14) 1,2-Dichlorobenzene	6.54	146	185089	38.15	ng	# 94
15) Benzyl Alcohol	6.54	79	197358	40.43	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	6.67	45	392100	41.09	ng	# 79
17) 2-Methylphenol	6.66	107	148110	37.47	ng	# 74
18) Hexachloroethane	6.87	117	81107	38.69	ng	# 91
19) n-Nitroso-di-n-propylamine	6.81	70	161730	39.94	ng	# 87
20) 3+4-Methylphenols	6.82	107	202563	38.01	ng	# 87
22) Acetophenone	6.80	105	294828	39.42	ng	# 83
24) Nitrobenzene	6.96	77	205656	34.89	ng	# 61
25) Isophorone	7.21	82	410988	38.93	ng	# 83
26) 2-Nitrophenol	7.28	139	103501	40.29	ng	# 38
27) 2,4-Dimethylphenol	7.35	122	181509	40.91	ng	# 76
28) bis(2-Chloroethoxy)methane	7.44	93	239960	39.35	ng	# 93
29) 2,4-Dichlorophenol	7.53	162	150372	39.08	ng	# 90
30) 1,2,4-Trichlorobenzene	7.60	180	157180	37.61	ng	# 95
31) Naphthalene	7.68	128	586157	40.14	ng	# 99
32) Benzoic acid	7.50	122	86114	28.29	ng	# 55
33) 4-Chloroaniline	7.74	127	220919	37.09	ng	# 78
34) Hexachlorobutadiene	7.80	225	103246	40.59	ng	# 99
35) Caprolactam	8.12	113	46711	39.59	ng	# 16
36) 4-Chloro-3-methylphenol	8.25	107	186464	43.30	ng	# 83
37) 2-Methylnaphthalene	8.36	142	355436	37.40	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	155483	40.92	ng	# 99
40) Hexachlorocyclopentadiene	8.52	237	60776	32.59	ng	# 99

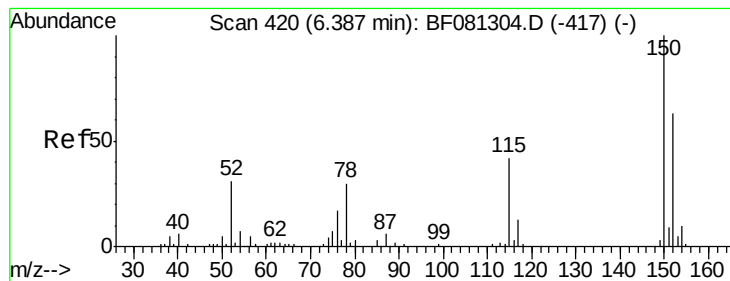
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081419.D
 Acq On : 4 Sep 2015 15:00
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 00:55:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	104484	39.84	nq	99
43) 2,4,5-Trichlorophenol	8.70	196	110616	41.35	nq #	86
45) 1,1'-Biphenyl	8.83	154	480445	43.46	nq	96
46) 2-Chloronaphthalene	8.84	162	298277	37.36	nq #	87
47) 2-Nitroaniline	8.96	65	147391	45.30	nq #	64
48) Acenaphthylene	9.26	152	573831	40.52	nq	97
49) Dimethylphthalate	9.15	163	382250	40.95	nq #	97
50) 2,6-Dinitrotoluene	9.21	165	86035	40.61	nq #	87
51) Acenaphthene	9.43	154	331164	41.10	nq	90
52) 3-Nitroaniline	9.37	138	97955	40.61	nq #	47
53) 2,4-Dinitrophenol	9.47	184	28061	31.44	nq #	1
54) Dibenzofuran	9.60	168	474752	40.36	nq #	88
55) 4-Nitrophenol	9.60	139	256181	169.05	nq #	30
56) 2,4-Dinitrotoluene	9.60	165	99877	37.02	nq #	1
57) Fluorene	9.93	166	345407	38.69	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.68	232	80299	39.31	nq	96
59) Diethylphthalate	9.84	149	363095	36.98	nq	94
60) 4-Chlorophenyl-phenylether	9.94	204	174468	41.93	nq	92
61) 4-Nitroaniline	9.98	138	82665	33.92	nq #	28
62) Azobenzene	10.09	77	426993	39.11	nq #	79
64) 4,6-Dinitro-2-methylphenol	10.01	198	51096	39.12	nq	93
65) n-Nitrosodiphenylamine	10.07	169	342053	40.25	nq	90
66) 4-Bromophenyl-phenylether	10.42	248	97734	41.39	nq	92
67) Hexachlorobenzene	10.48	284	101588	41.14	nq #	84
68) Atrazine	10.60	200	99049	40.28	nq	84
69) Pentachlorophenol	10.67	266	46080	42.89	nq	98
70) Phenanthrene	10.88	178	463466	35.70	nq	96
71) Anthracene	10.94	178	554863	41.60	nq	98
72) Carbazole	11.10	167	446563	35.68	nq #	95
73) Di-n-butylphthalate	11.45	149	594862	40.24	nq #	98
74) Fluoranthene	12.06	202	518451	36.89	nq	86
76) Benzidine	12.19	184	119687	18.94	nq	98
77) Pyrene	12.27	202	493140	45.21	nq	98
79) Butylbenzylphthalate	12.93	149	215785	45.49	nq #	86
80) Benzo(a)anthracene	13.45	228	366027	39.04	nq	97
81) 3,3'-Dichlorobenzidine	13.44	252	114896	36.33	nq #	92
82) Chrysene	13.49	228	307400	36.57	nq	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	245823	39.27	nq #	87
84) Di-n-octyl phthalate	14.10	149	396427	38.46	nq	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	286218	46.41	nq #	87
87) Benzo(b)fluoranthene	14.47	252	587595	72.49	nq #	86
88) Benzo(k)fluoranthene	14.47	252	587595	87.36	nq #	87
89) Benzo(a)pyrene	14.72	252	258305	37.60	nq #	89
90) Dibenzo(a,h)anthracene	15.86	278	241983	45.59	nq #	77
91) Benzo(g,h,i)perylene	16.16	276	241023	47.58	nq #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

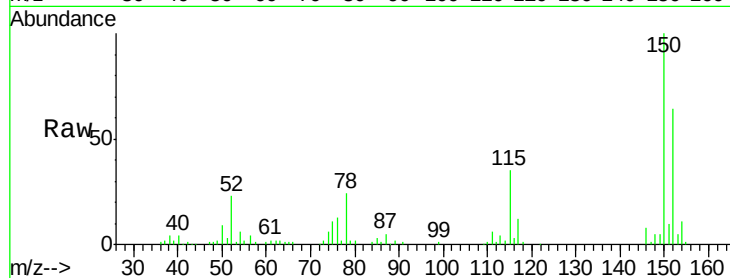
Tot Ion:152 Resp: 69741

Ion Ratio Lower Upper

152 100

150 155.8 124.7 187.1

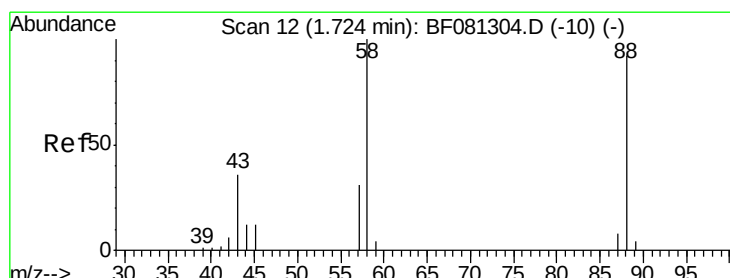
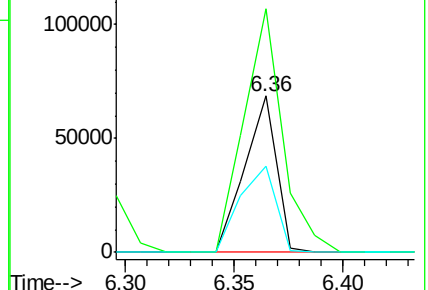
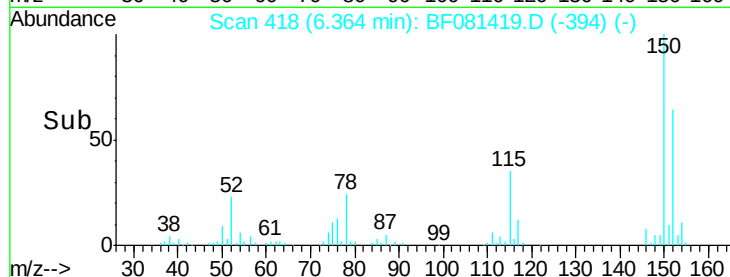
115 55.1 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.04 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.05 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

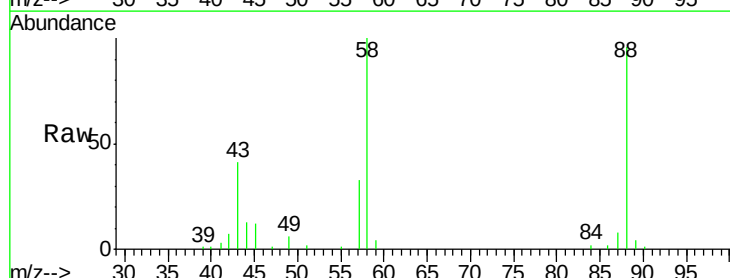
Tgt Ion: 88 Resp: 66702

Ion Ratio Lower Upper

88 100

58 100.0 77.7 116.5

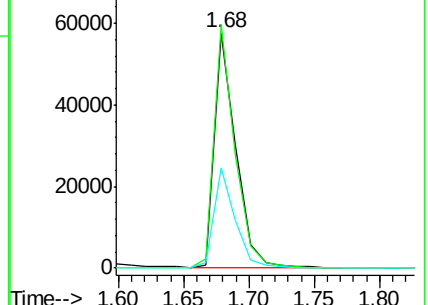
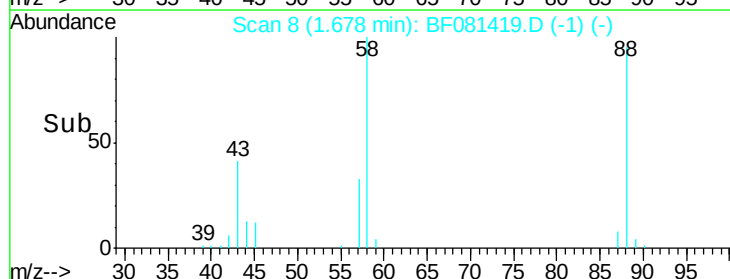
43 41.9 26.6 40.0#

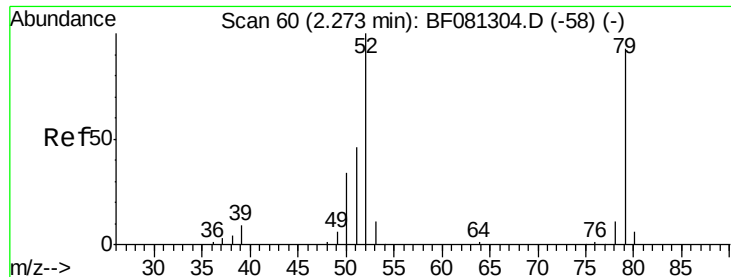


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.46 ng

RT: 2.23 min Scan# 56

Delta R.T. -0.05 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

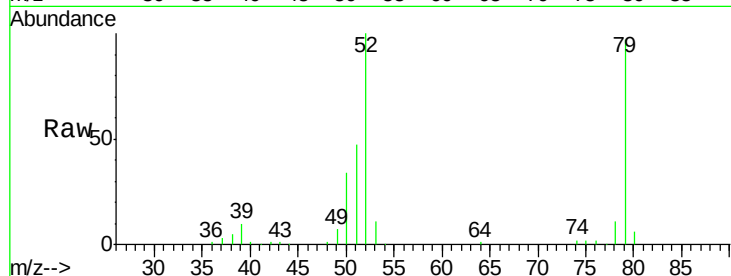
Tot Ion: 79 Resp: 197405

Ion Ratio Lower Upper

79 100

52 103.6 76.8 115.2

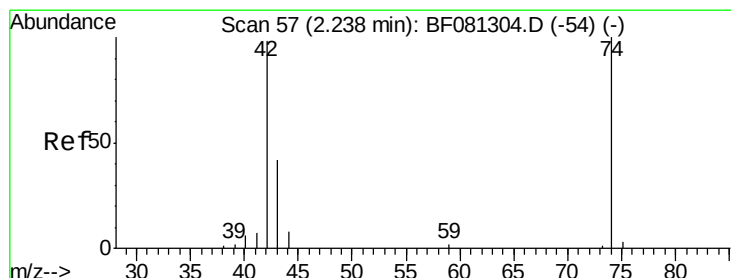
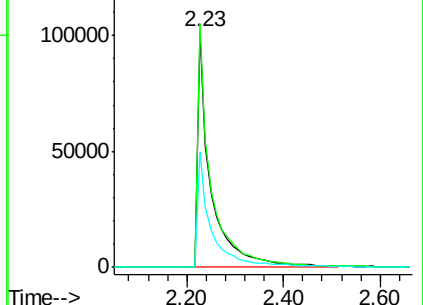
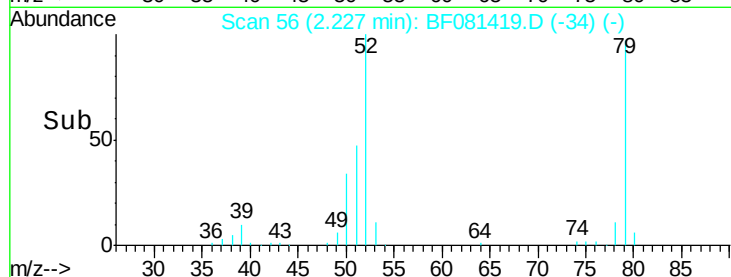
51 49.1 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.96 ng

RT: 2.19 min Scan# 53

Delta R.T. -0.05 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

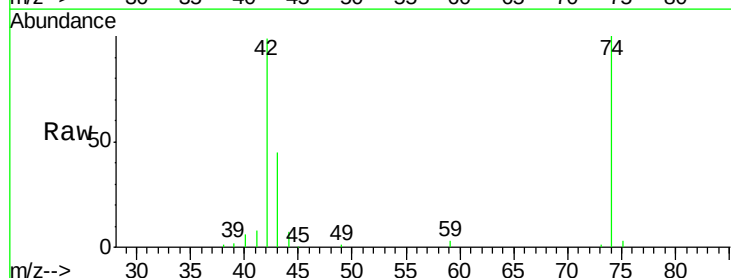
Tgt Ion: 42 Resp: 129771

Ion Ratio Lower Upper

42 100

74 100.8 105.0 157.6#

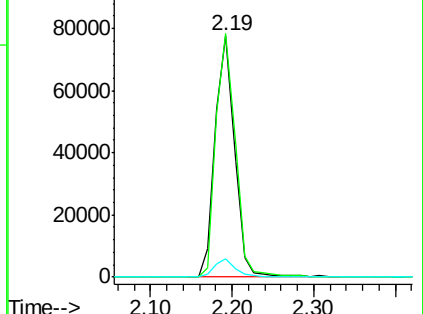
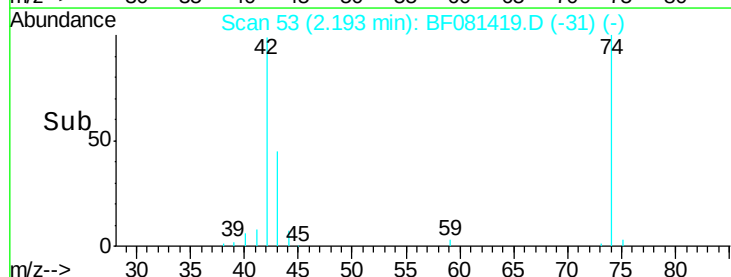
44 7.5 6.6 10.0

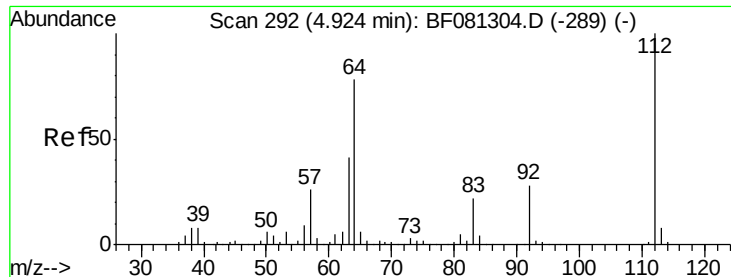


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

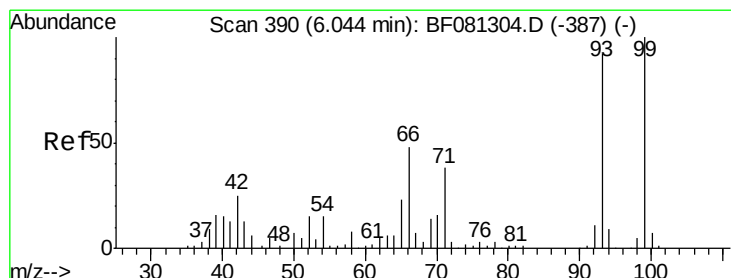
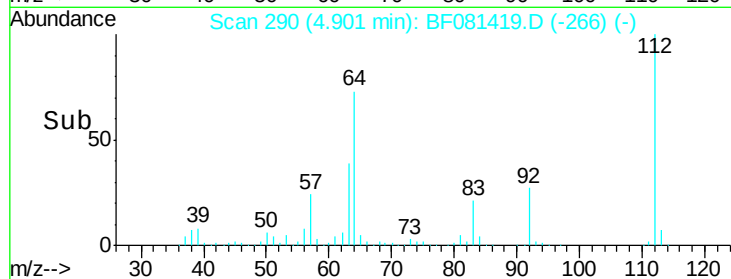
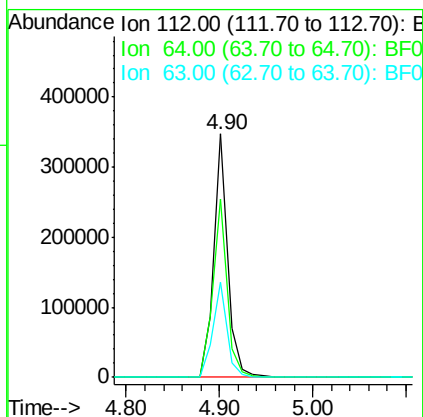
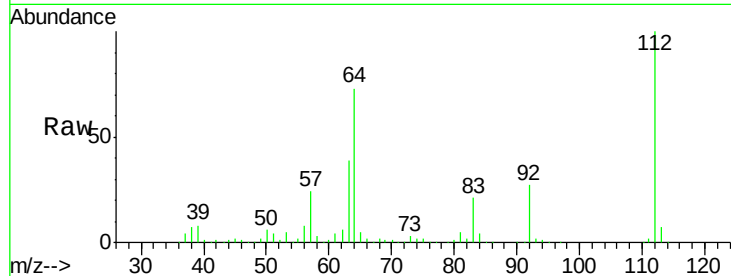




#5
 2-Fluorophenol
 Concen: 80.13 ng
 RT: 4.90 min Scan# 290
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

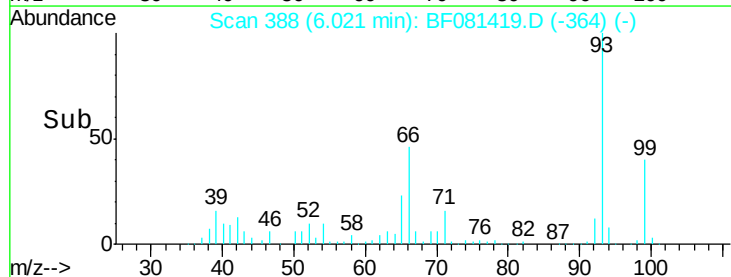
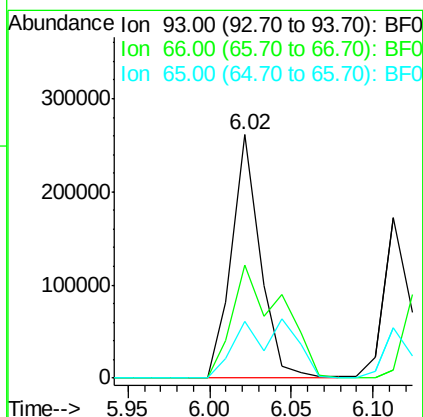
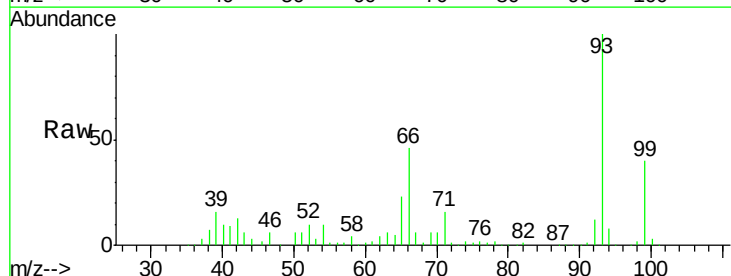
Instrument :
 BNA_F
 ClientSampleId :

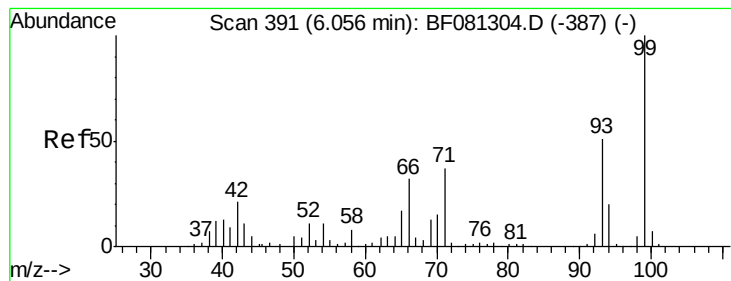
Tot Ion: 112 Resp: 360176
 Ion Ratio Lower Upper
 112 100
 64 73.1 39.7 59.5#
 63 38.9 17.4 26.0#



#6
 Aniline
 Concen: 37.83 ng
 RT: 6.02 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion: 93 Resp: 317830
 Ion Ratio Lower Upper
 93 100
 66 46.2 27.2 40.8#
 65 23.3 14.7 22.1#





#7

Phenol-d6

Concen: 78.00 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampled :

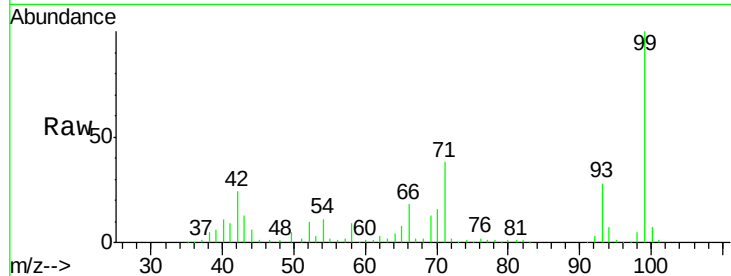
Tot Ion: 99 Resp: 464084

Ion Ratio Lower Upper

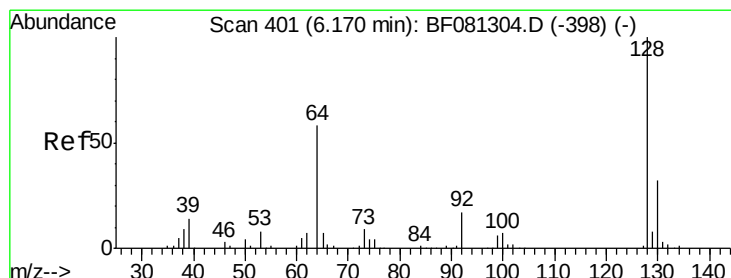
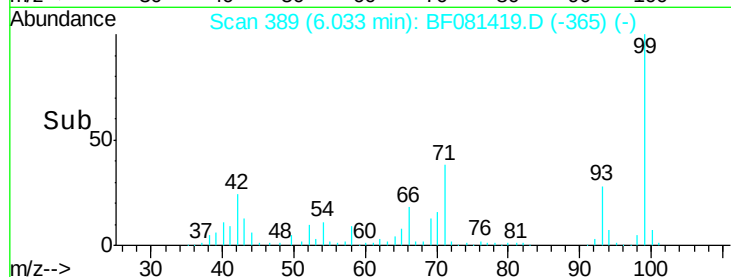
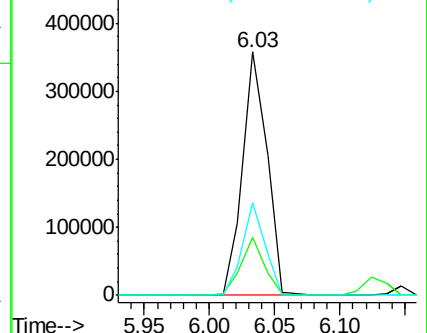
99 100

42 23.8 13.7 20.5#

71 37.8 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 39.92 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

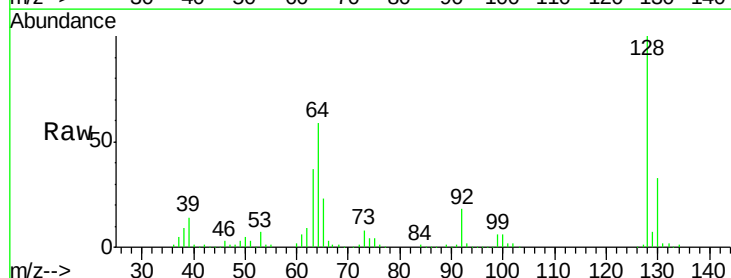
Tgt Ion: 128 Resp: 197725

Ion Ratio Lower Upper

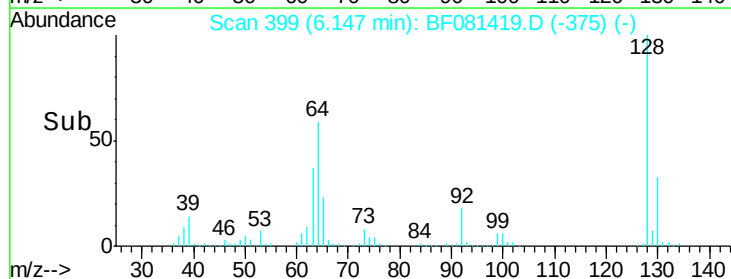
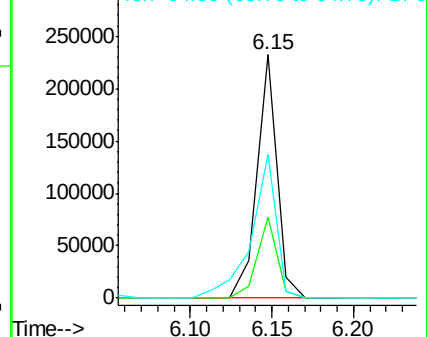
128 100

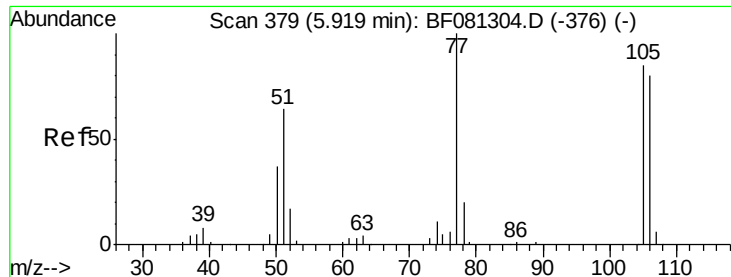
130 33.2 12.2 52.2

64 59.1 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.01 ng

RT: 5.90 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

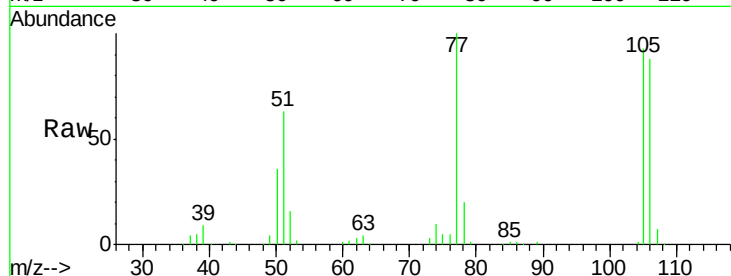
Tot Ion: 77 Resp: 141705

Ion Ratio Lower Upper

77 100

105 93.1 91.6 131.6

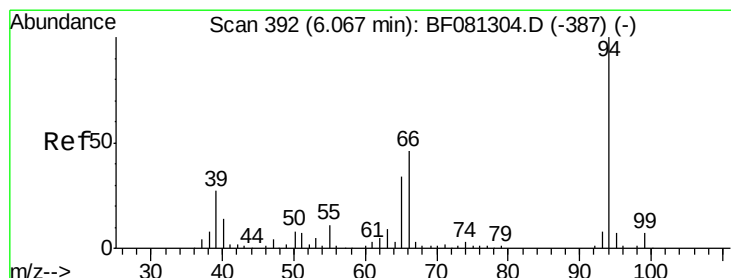
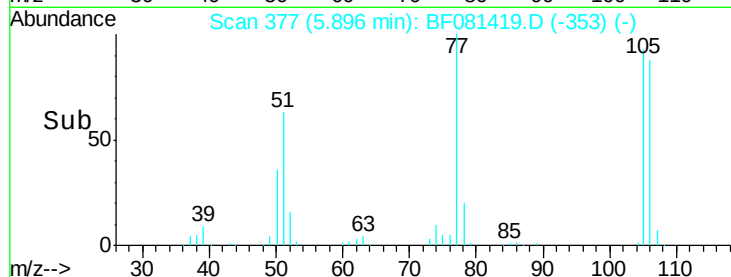
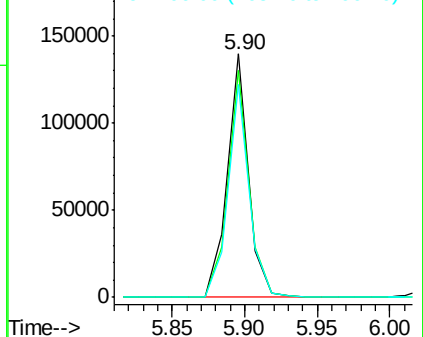
106 87.7 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.28 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

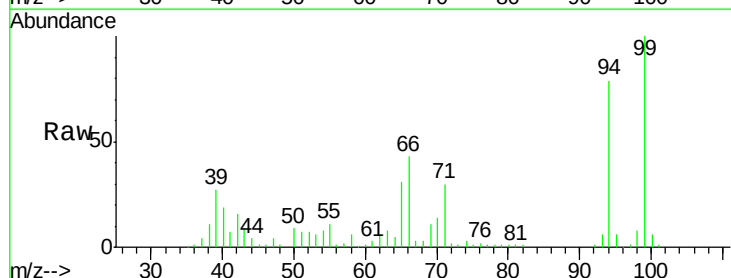
Tgt Ion: 94 Resp: 243454

Ion Ratio Lower Upper

94 100

65 39.2 0.7 40.7

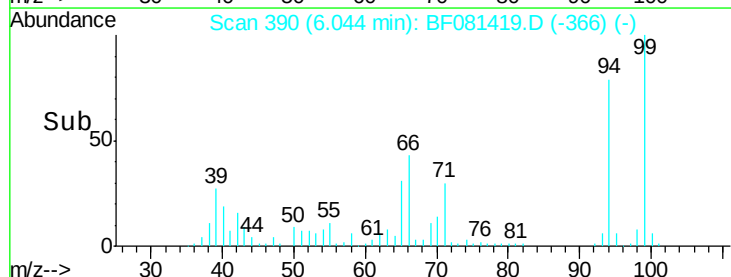
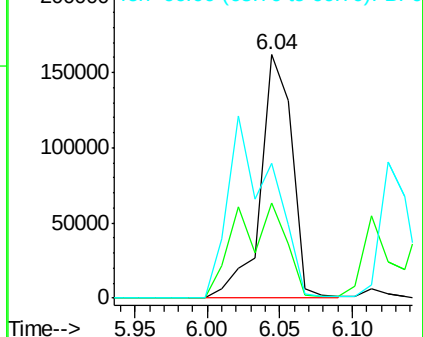
66 55.1 0.8 40.8#

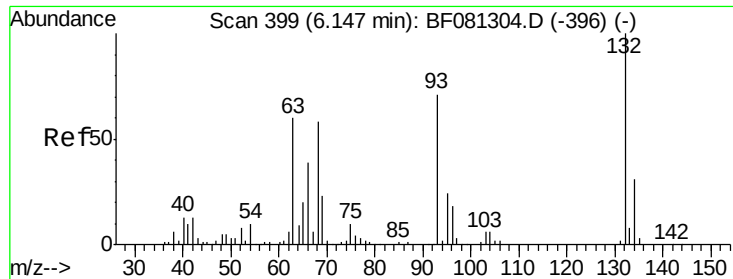


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

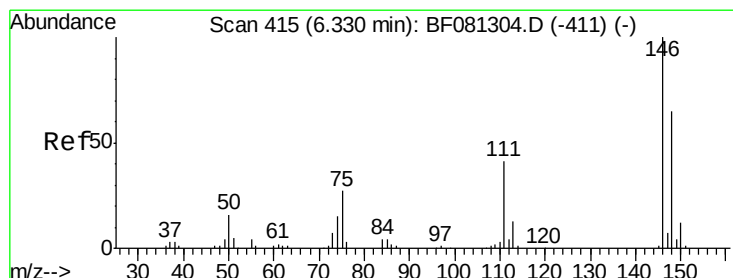
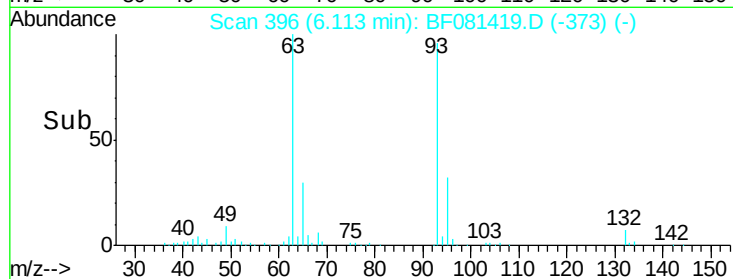
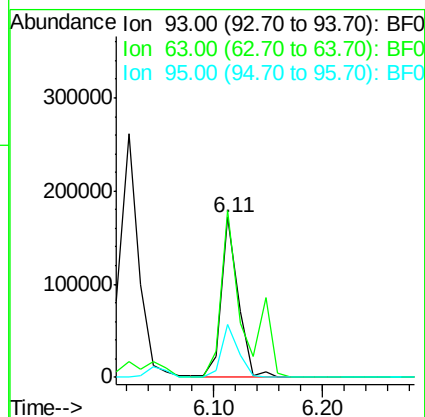
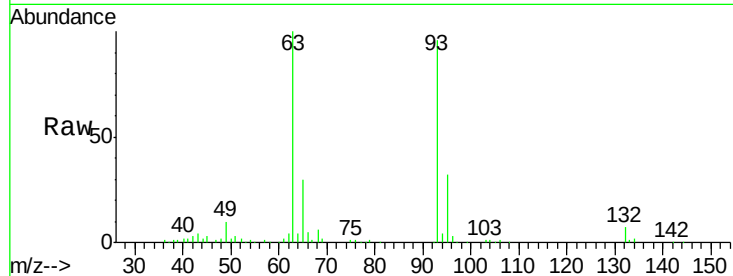




#11
bis(2-Chloroethyl)ether
Concen: 37.98 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.03 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

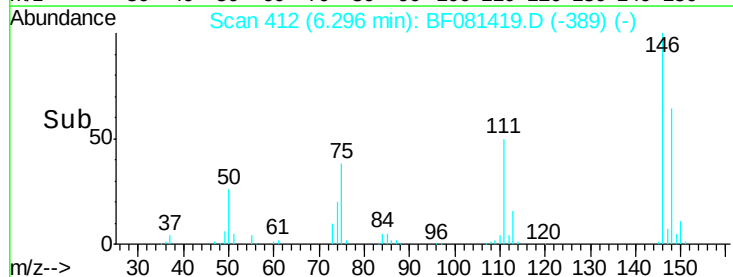
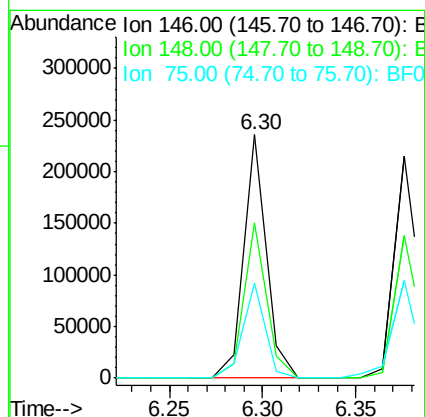
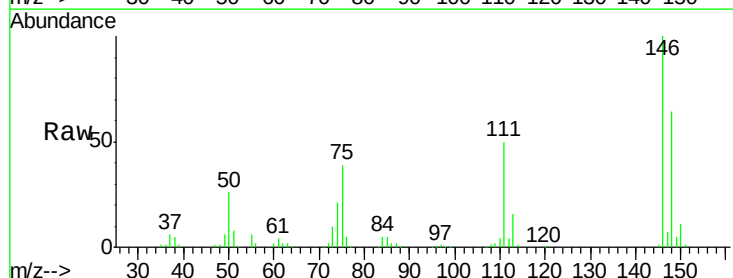
Instrument :
BNA_F
ClientSampleId :

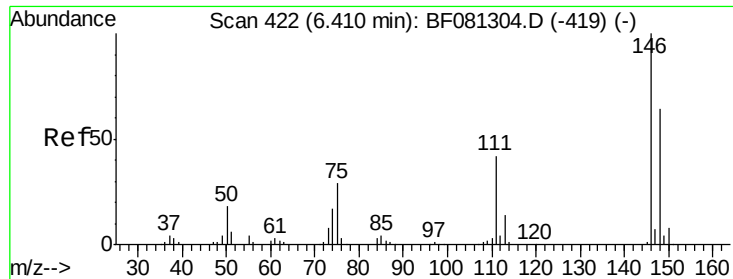
Tot Ion: 93 Resp: 189075
Ion Ratio Lower Upper
93 100
63 104.7 65.6 105.6
95 33.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.86 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Tgt Ion: 146 Resp: 200384
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 38.8 15.0 22.6#

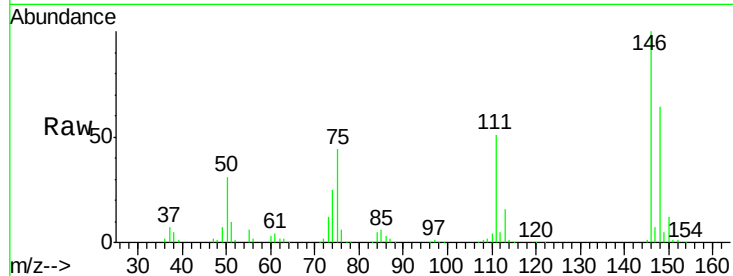




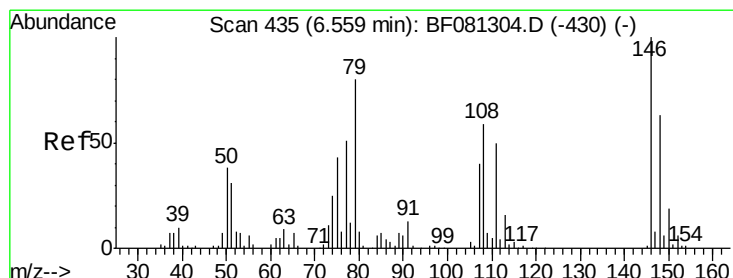
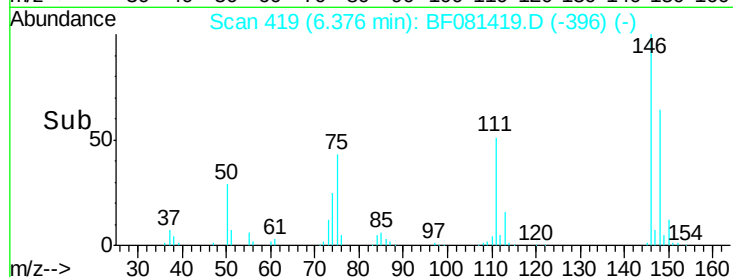
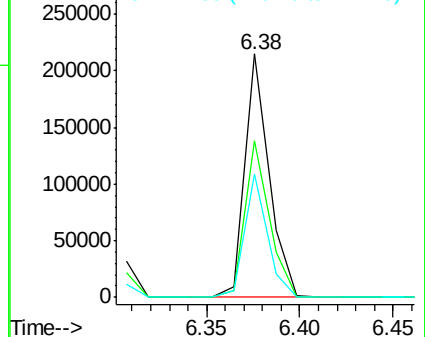
#13
 1,4-Dichlorobenzene
 Concen: 36.26 ng
 RT: 6.38 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 195383
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 50.7 24.9 37.3#

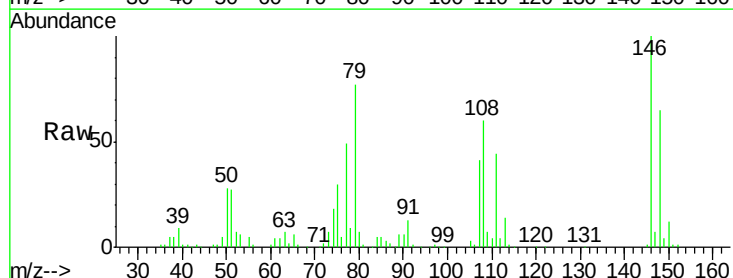


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

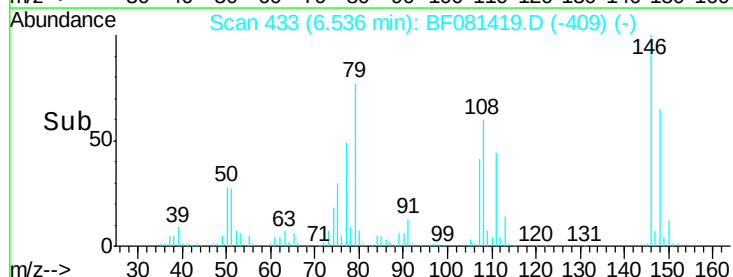
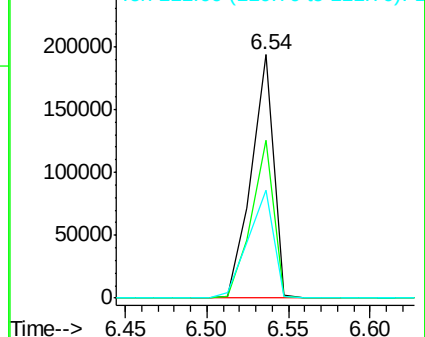


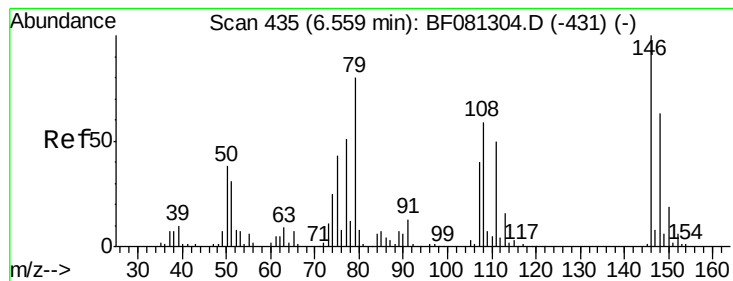
#14
 1,2-Dichlorobenzene
 Concen: 38.15 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:146 Resp: 185089
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.7 79.1
 111 44.3 28.8 43.2#



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: 40.43 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampled :

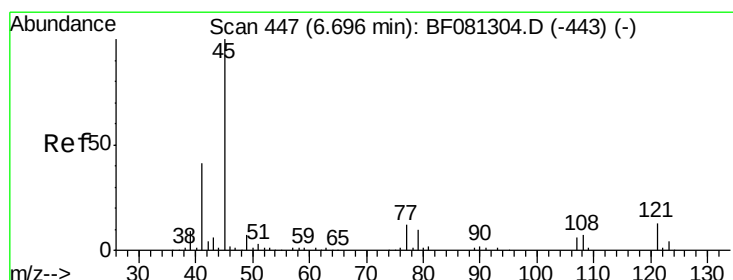
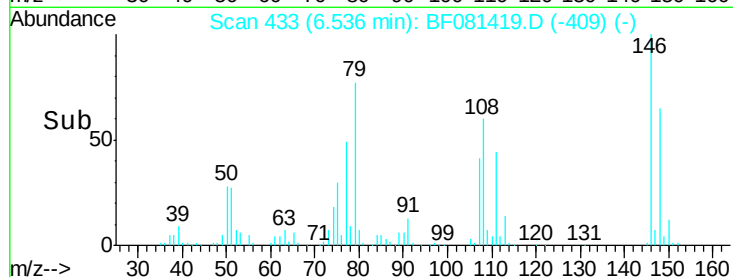
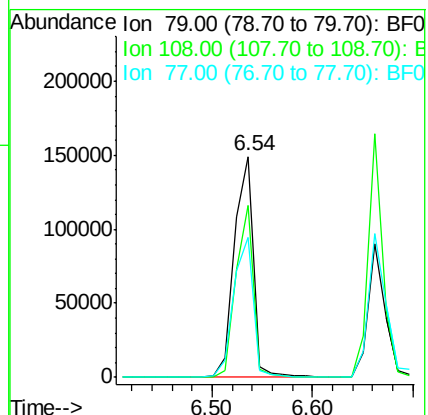
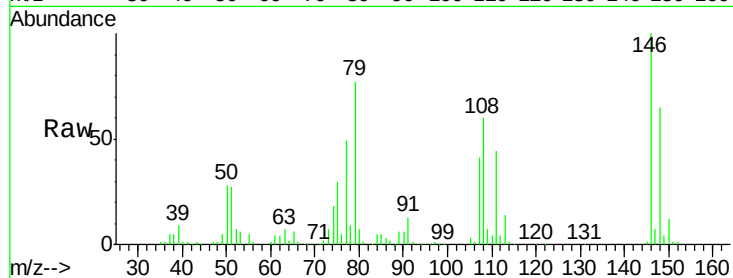
Tot Ion: 79 Resp: 197358

Ion Ratio Lower Upper

79 100

108 77.7 88.6 132.8#

77 63.5 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.09 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

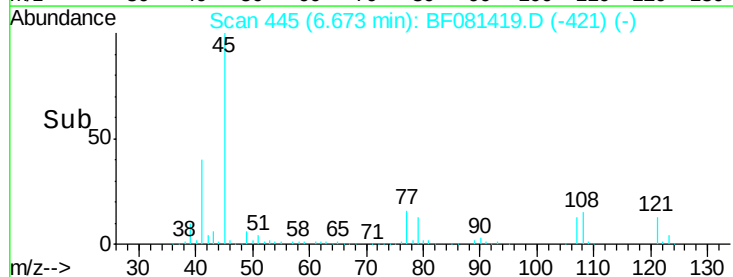
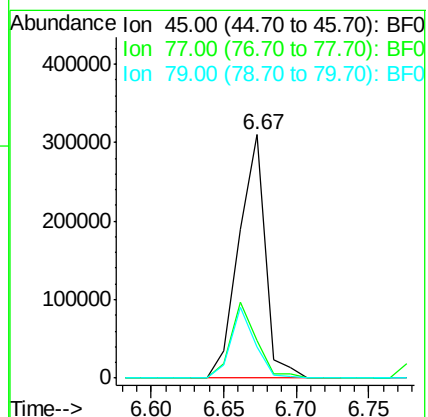
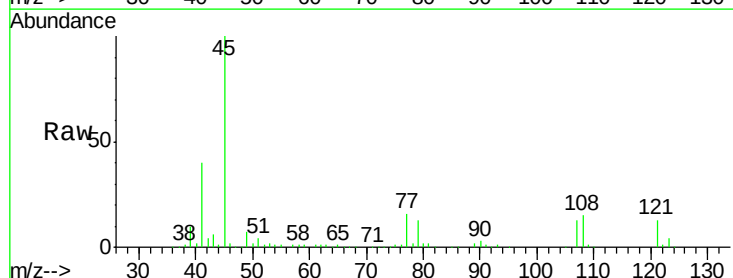
Tgt Ion: 45 Resp: 392100

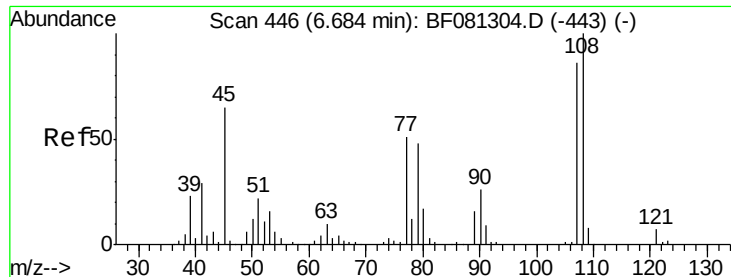
Ion Ratio Lower Upper

45 100

77 15.6 0.0 28.1

79 12.8 0.0 26.0

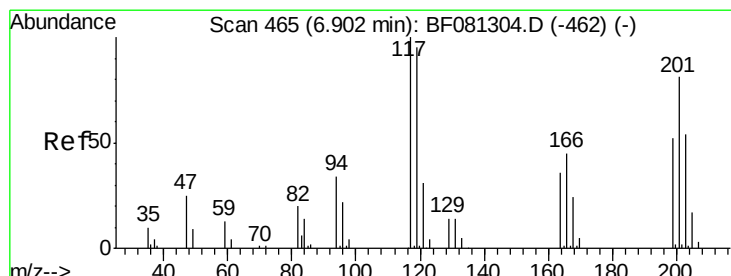
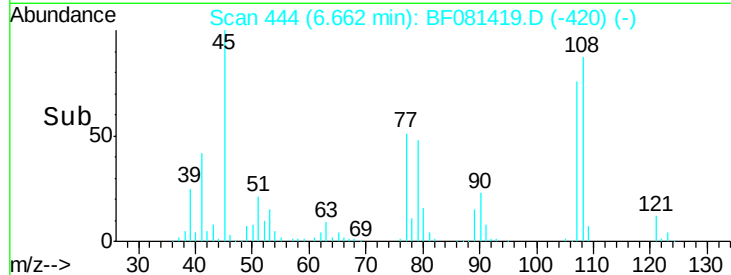
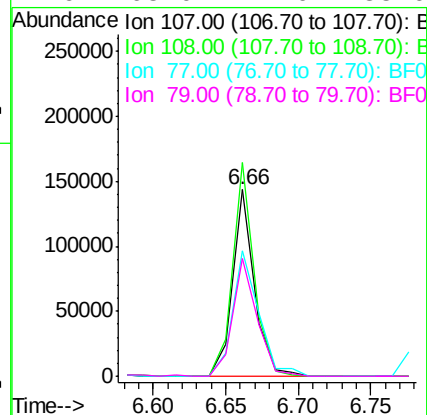
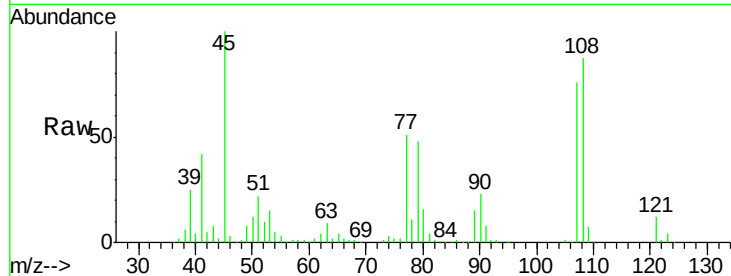




#17
 2-Methylphenol
 Concen: 37.47 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

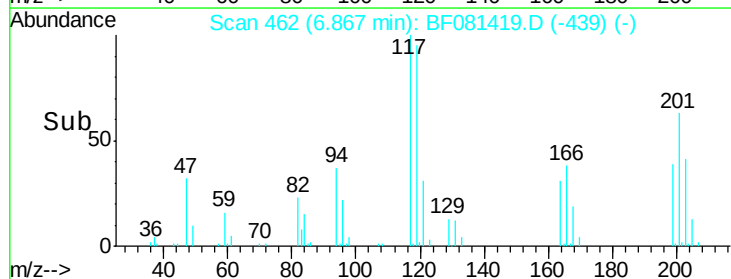
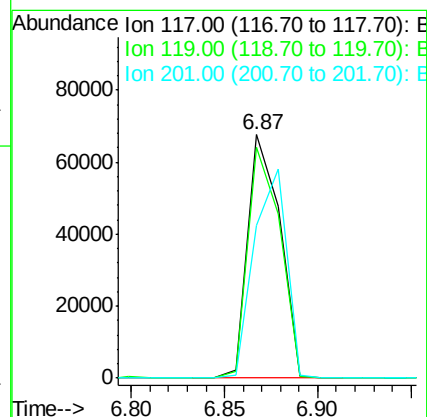
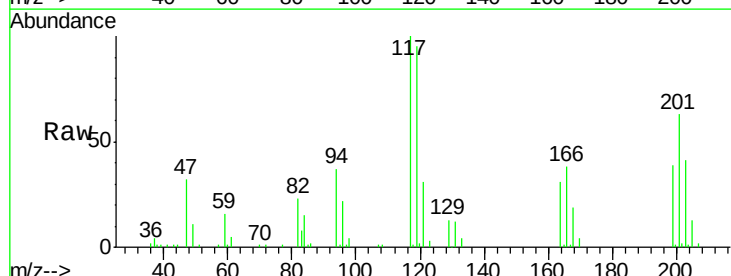
Instrument :
 BNA_F
 ClientSampleId :

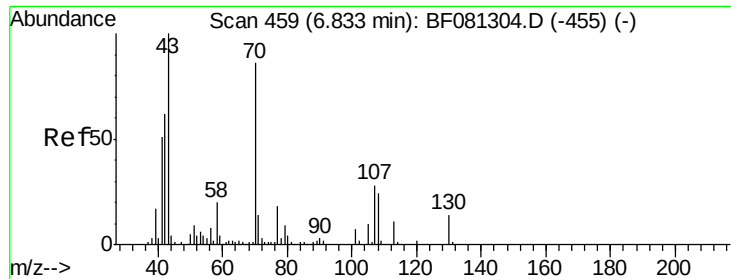
Tot Ion:	107	Resp:	148110
Ion	Ratio	Lower	Upper
107	100		
108	114.6	96.6	145.0
77	67.6	23.3	34.9#
79	63.0	22.0	33.0#



#18
 Hexachloroethane
 Concen: 38.69 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:	117	Resp:	81107
Ion	Ratio	Lower	Upper
117	100		
119	94.9	83.8	125.6
201	62.9	55.1	82.7

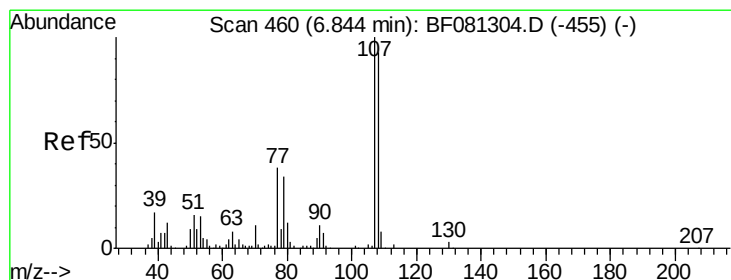
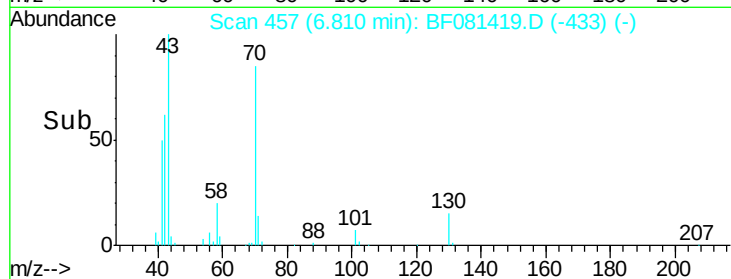
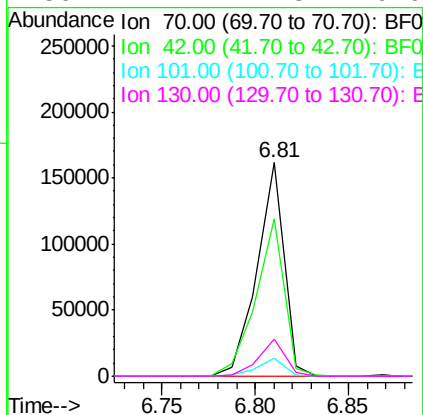
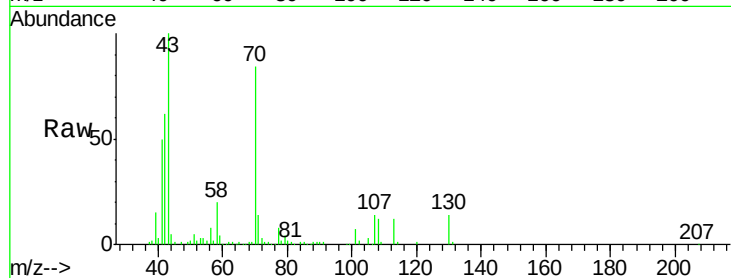




#19
n-Nitroso-di-n-propylamine
Concen: 39.94 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

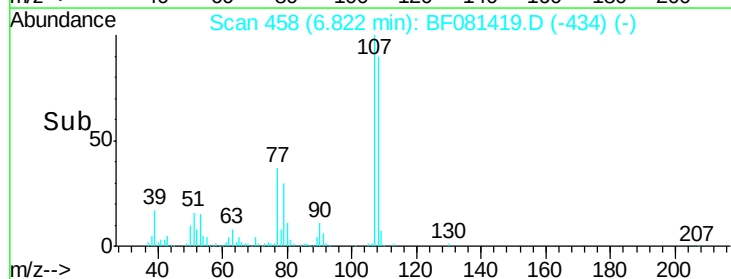
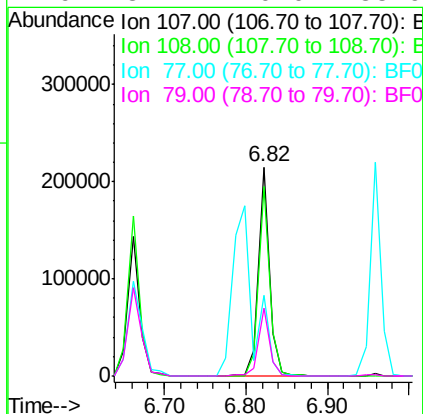
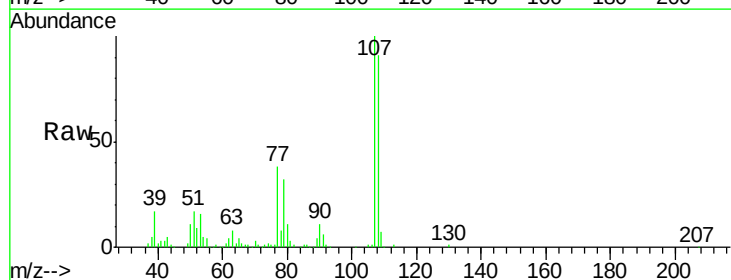
Instrument :
BNA_F
ClientSampled :

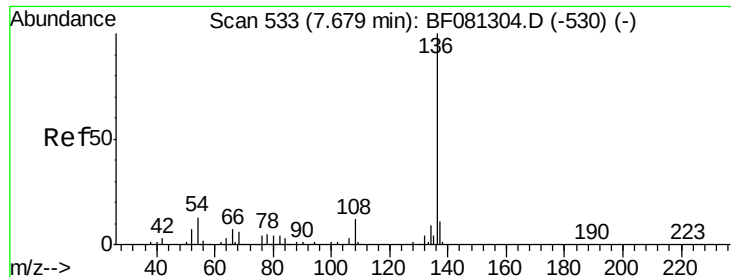
Tot Ion: 70 Resp: 161730
Ion Ratio Lower Upper
70 100
42 73.8 63.8 95.6
101 8.6 9.2 13.8#
130 17.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 38.01 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Tgt Ion:107 Resp: 202563
Ion Ratio Lower Upper
107 100
108 90.5 74.6 114.6
77 38.3 0.7 40.7
79 32.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081419.D

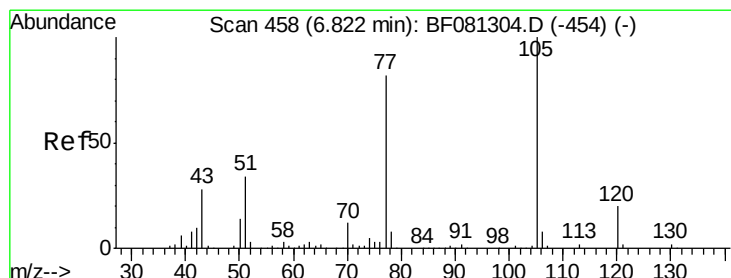
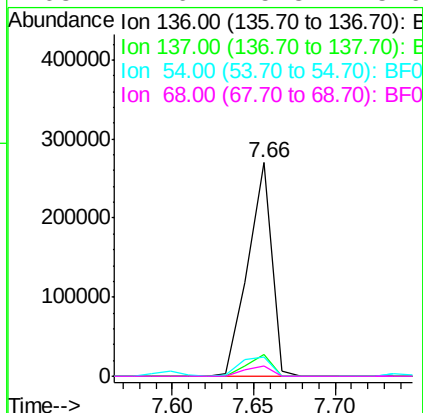
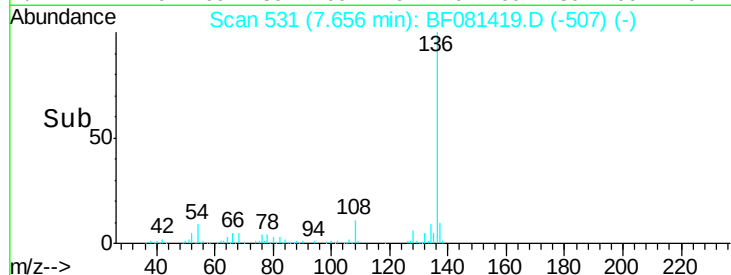
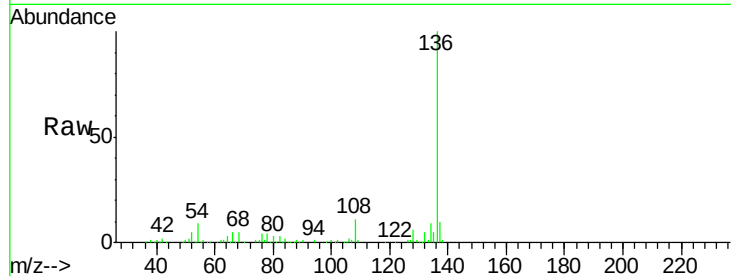
Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	273821
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.0 13.6
54	9.1	8.2 12.2
68	4.6	5.8 8.6#



#22

Acetophenone

Concen: 39.42 ng

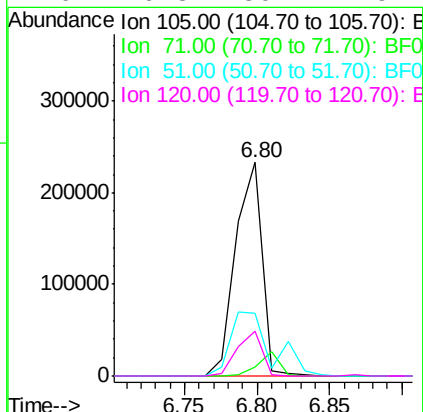
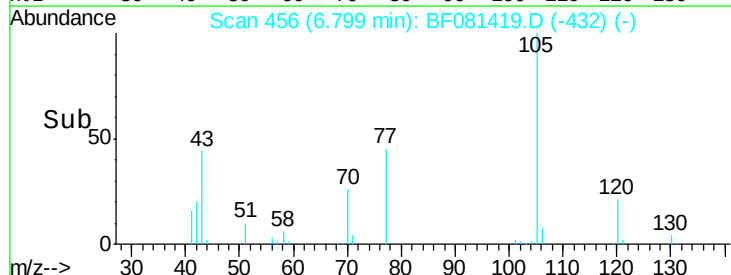
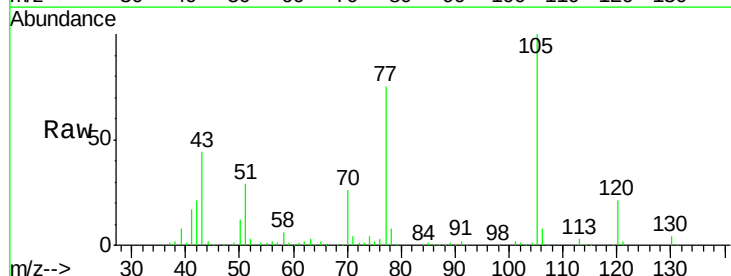
RT: 6.80 min Scan# 456

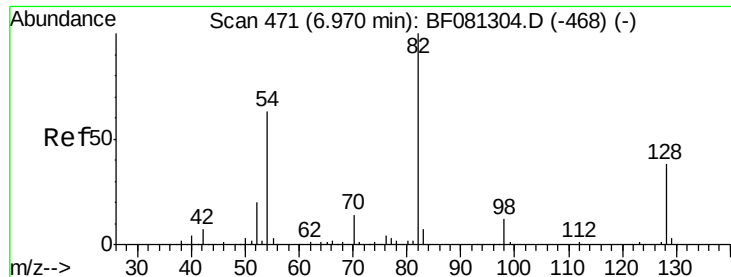
Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Tgt Ion:105	Resp:	294828
Ion Ratio	Lower	Upper
105	100	
71	4.5	4.7 7.1#
51	29.4	22.0 33.0
120	20.8	30.1 45.1#

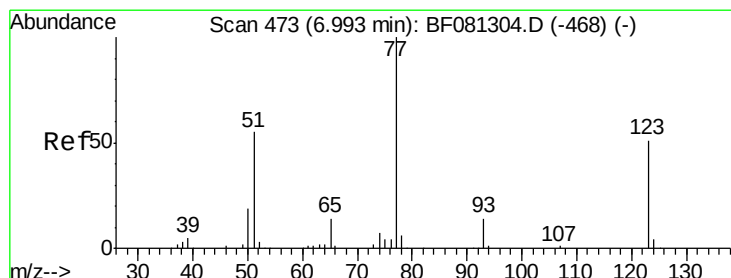
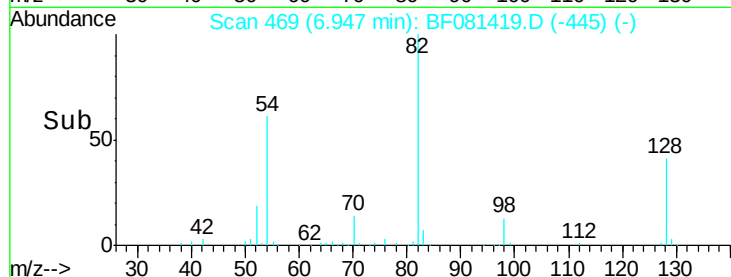
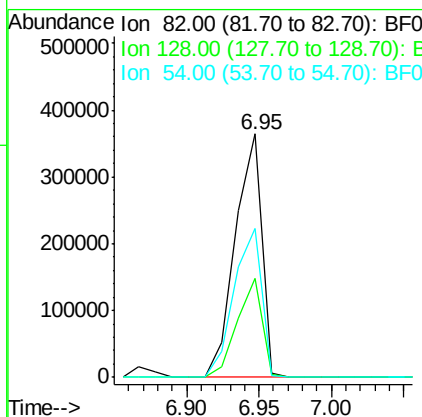
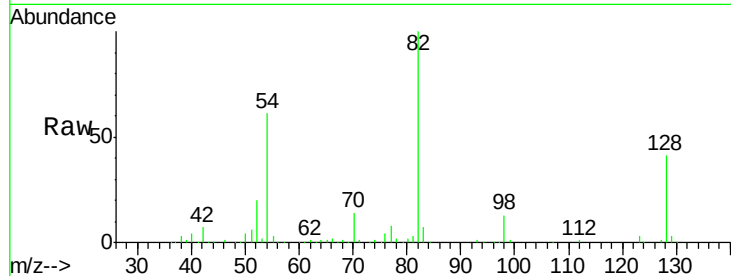




#23
 Nitrobenzene-d5
 Concen: 81.47 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

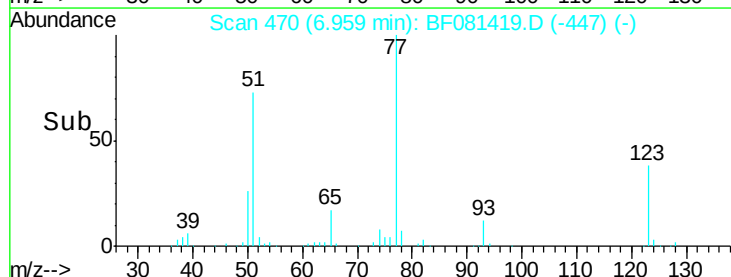
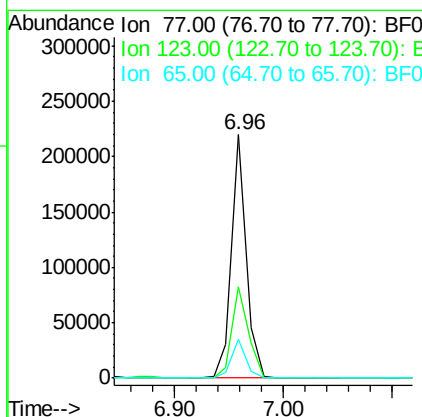
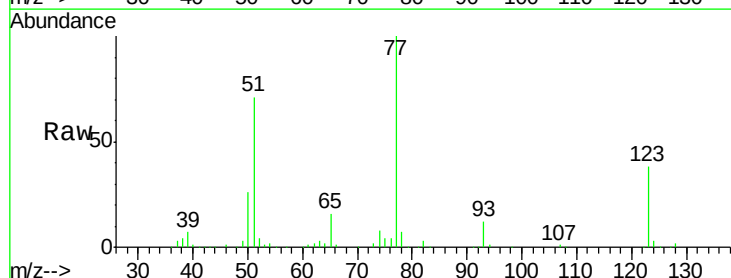
Instrument :
 BNA_F
 ClientSampleId :

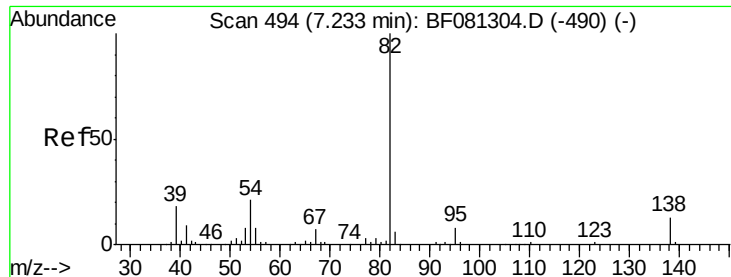
Tot Ion: 82 Resp: 462353
 Ion Ratio Lower Upper
 82 100
 128 40.9 51.0 76.6#
 54 61.2 47.5 71.3



#24
 Nitrobenzene
 Concen: 34.89 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion: 77 Resp: 205656
 Ion Ratio Lower Upper
 77 100
 123 37.6 59.8 89.8#
 65 16.1 10.2 15.4#





#25

Isophorone

Concen: 38.93 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampled :

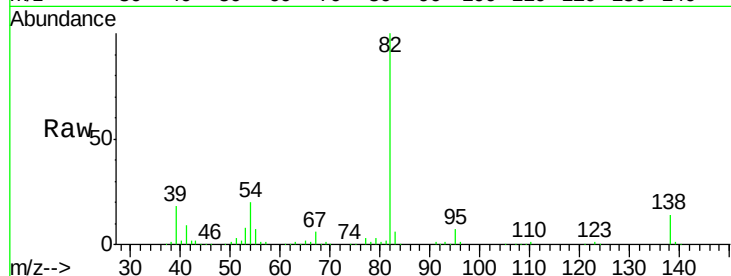
Tot Ion: 82 Resp: 410988

Ion Ratio Lower Upper

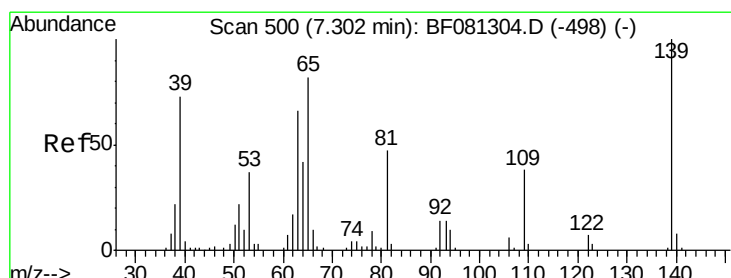
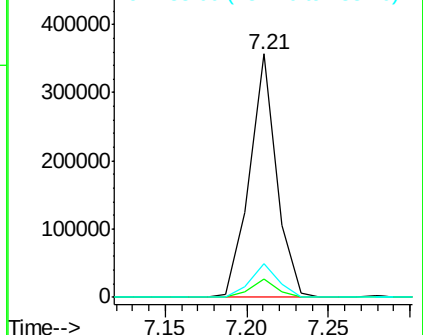
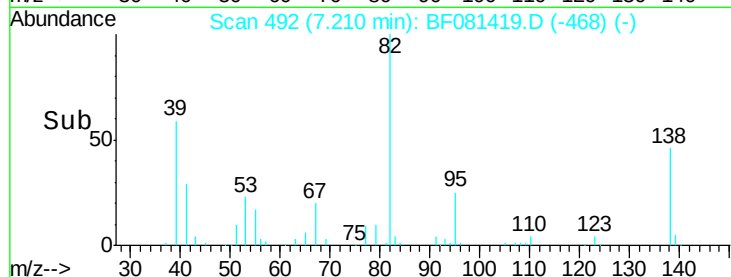
82 100

95 7.4 4.0 6.0#

138 13.8 18.3 27.5#



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: 40.29 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

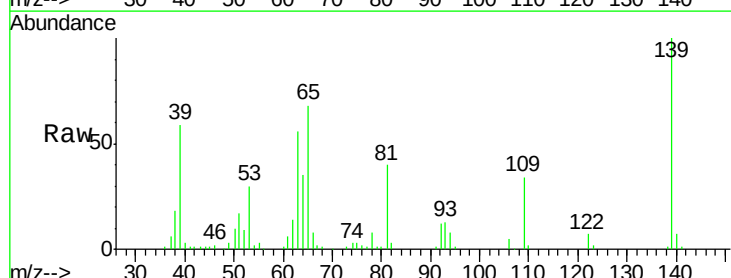
Tgt Ion: 139 Resp: 103501

Ion Ratio Lower Upper

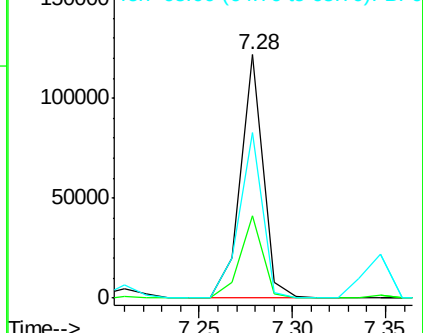
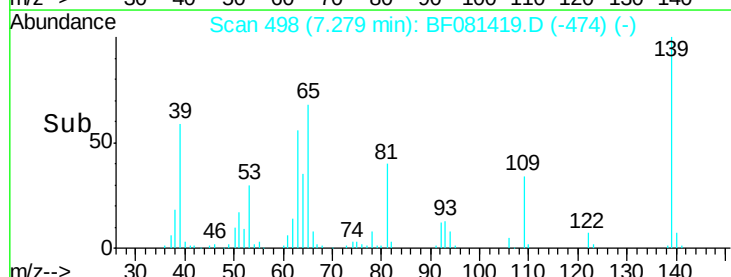
139 100

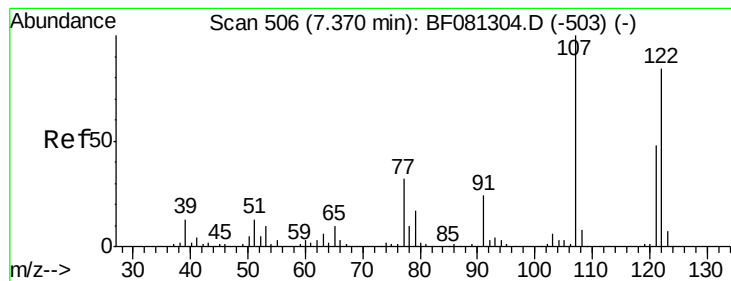
109 33.6 11.0 16.4#

65 67.9 24.7 37.1#



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: 40.91 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

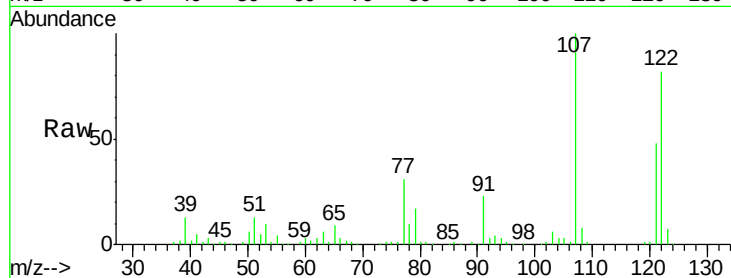
Tot Ion:122 Resp: 181509

Ion Ratio Lower Upper

122 100

107 121.3 71.8 107.6#

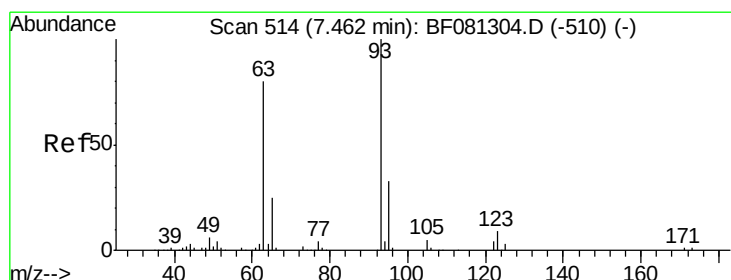
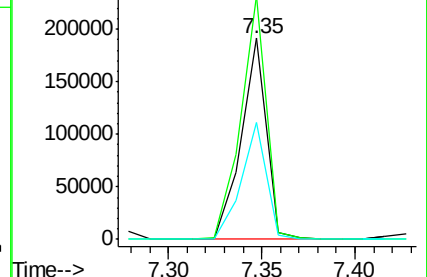
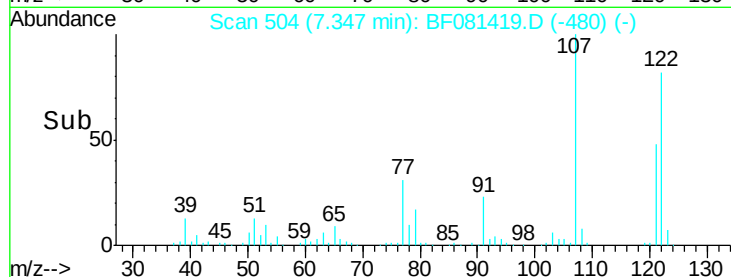
121 58.1 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.35 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

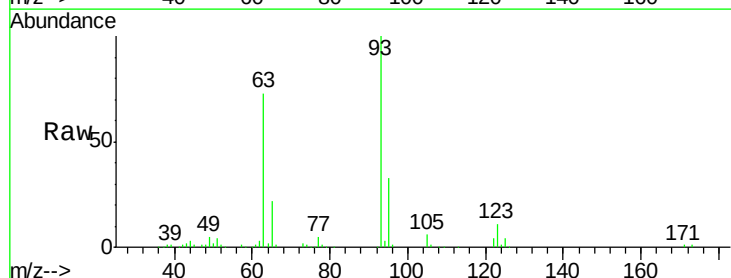
Tgt Ion: 93 Resp: 239960

Ion Ratio Lower Upper

93 100

95 32.5 27.5 41.3

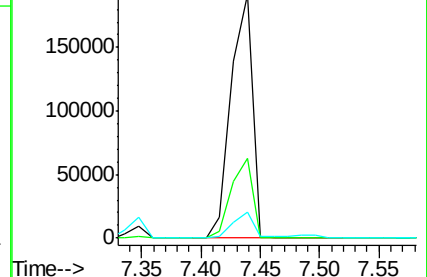
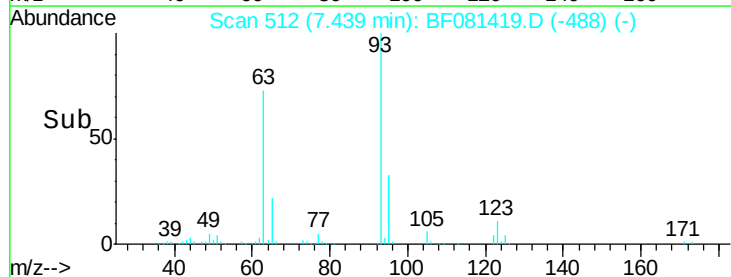
123 10.6 13.7 20.5#

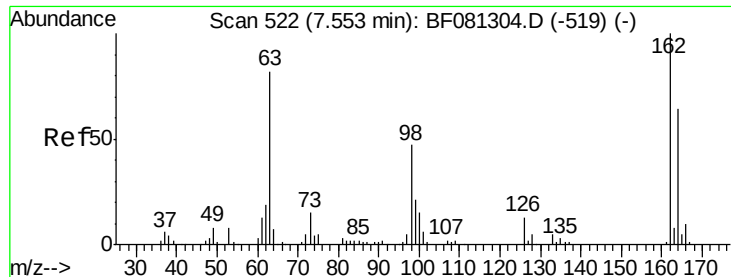


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

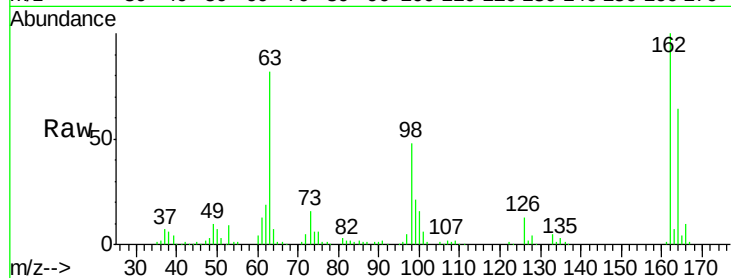




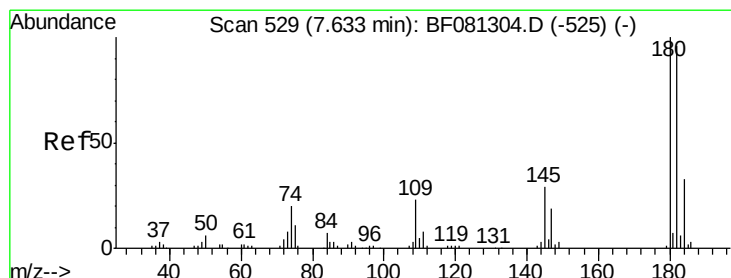
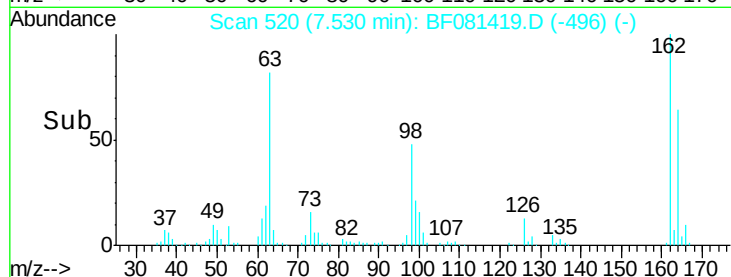
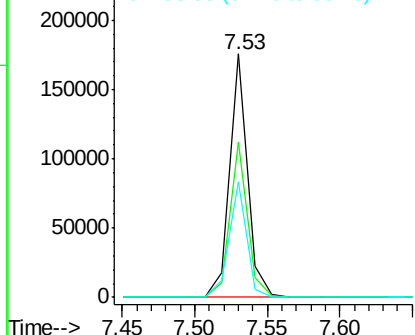
#29
 2,4-Dichlorophenol
 Concen: 39.08 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 150372
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.9 84.9
 98 47.5 13.0 53.0

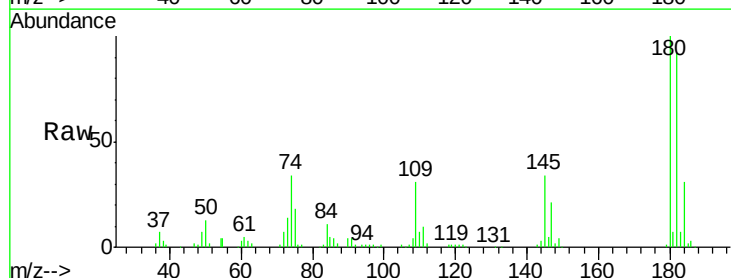


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

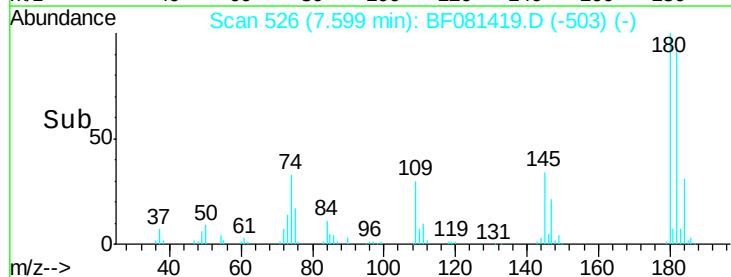
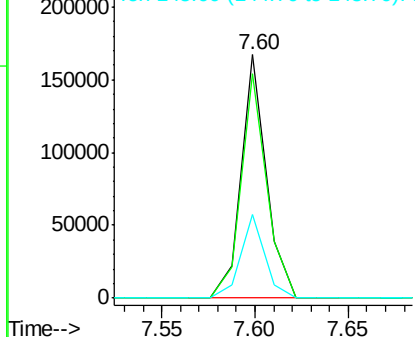


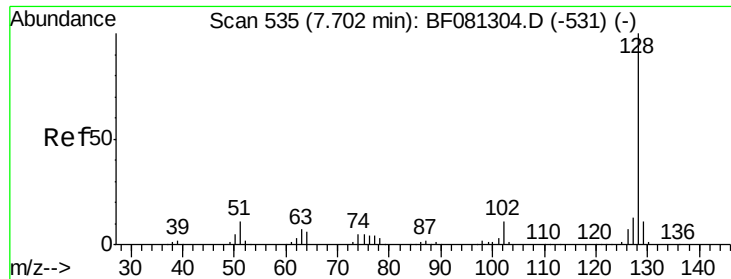
#30
 1,2,4-Trichlorobenzene
 Concen: 37.61 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:180 Resp: 157180
 Ion Ratio Lower Upper
 180 100
 182 92.4 77.1 115.7
 145 34.4 23.3 34.9



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

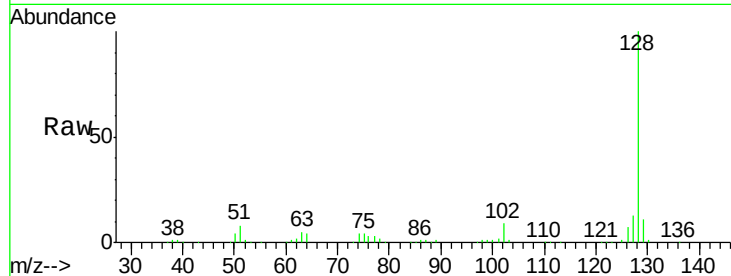




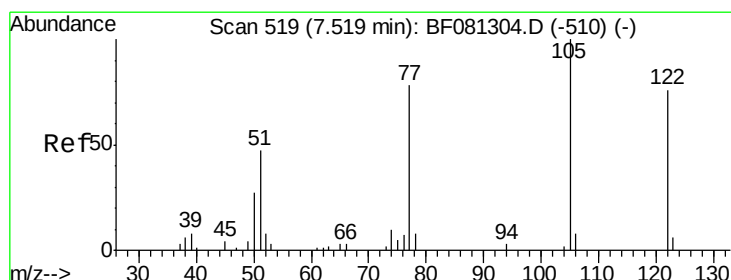
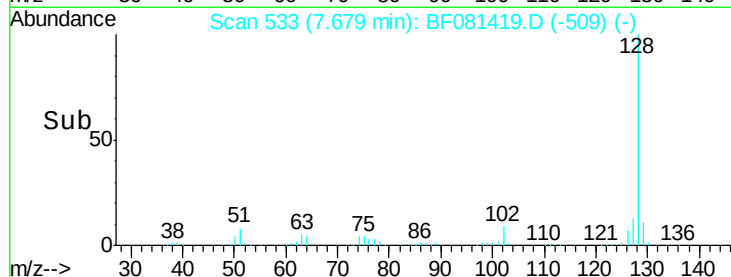
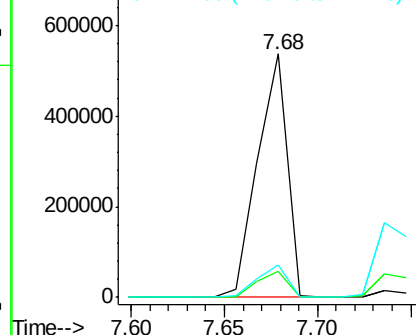
#31
Naphthalene
Concen: 40.14 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 586157
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.2 9.9 14.9

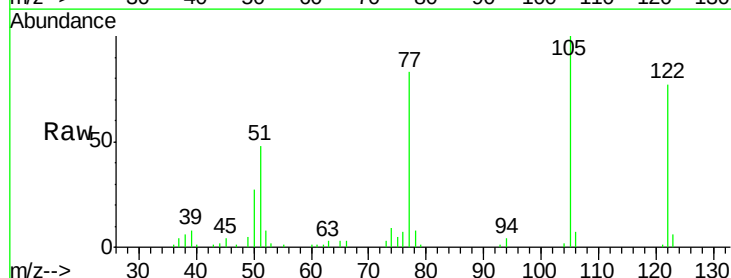


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

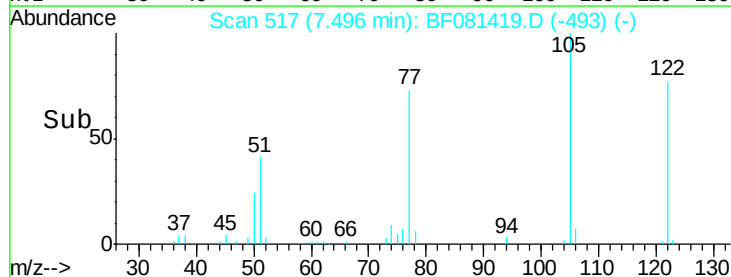
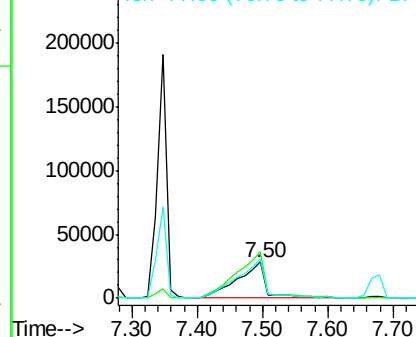


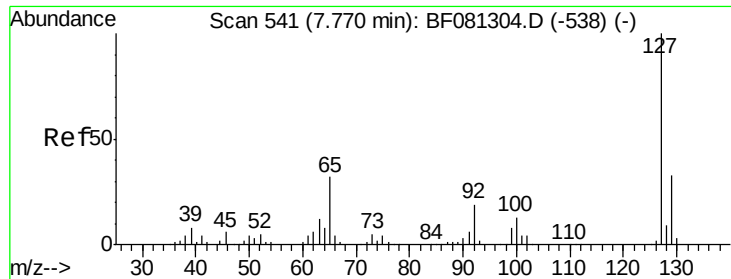
#32
Benzoic acid
Concen: 28.29 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Tgt Ion:122 Resp: 86114
Ion Ratio Lower Upper
122 100
105 130.3 76.1 116.1#
77 107.6 40.5 80.5#



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

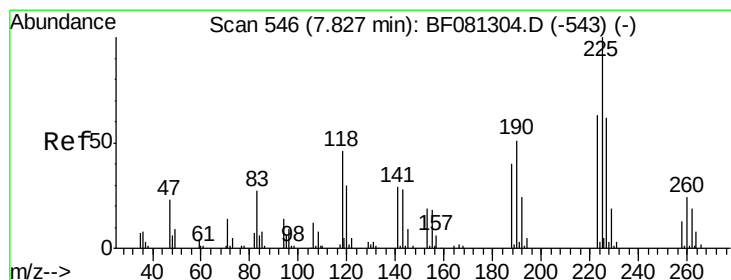
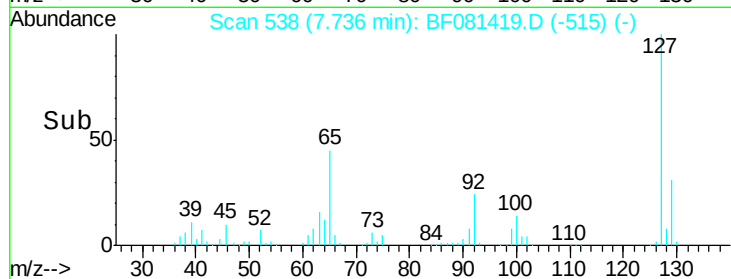
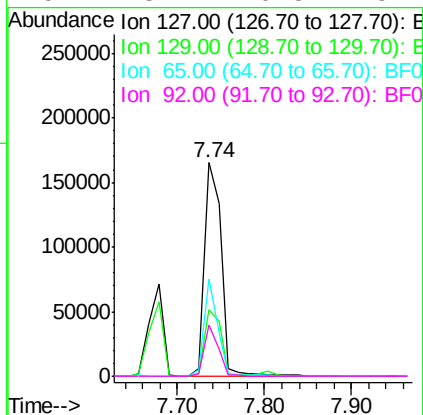
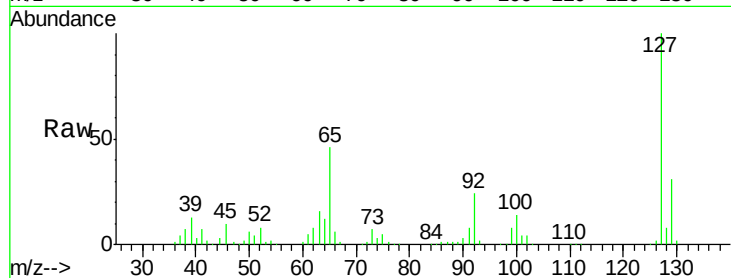




#33
4-Chloroaniline
Concen: 37.09 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

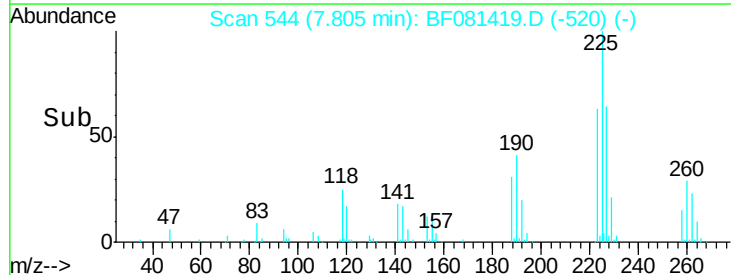
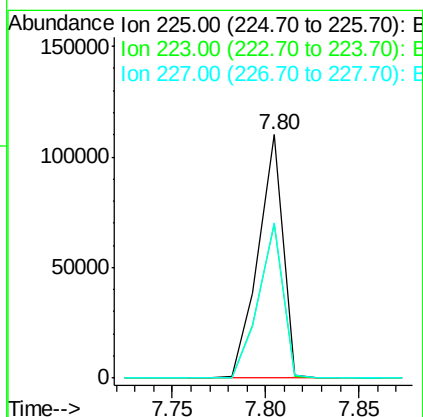
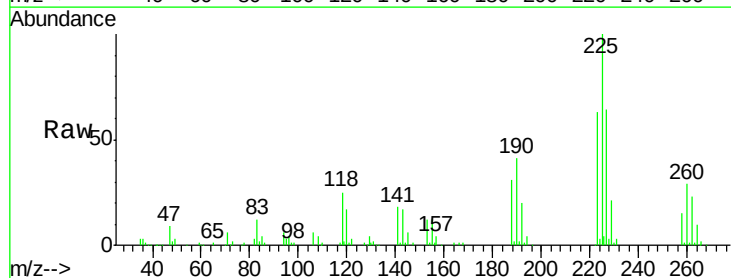
Instrument :
BNA_F
ClientSampled :

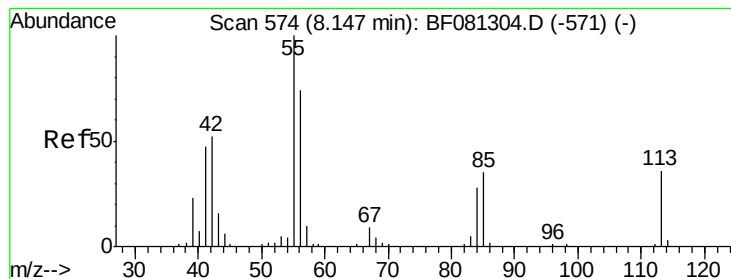
Tot Ion:	127	Resp:	220919
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.6
65	45.7	17.9	26.9#
92	23.7	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 40.59 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Tgt Ion:	225	Resp:	103246
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	63.8	52.2	78.2





#35

Caprolactam

Concen: 39.59 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

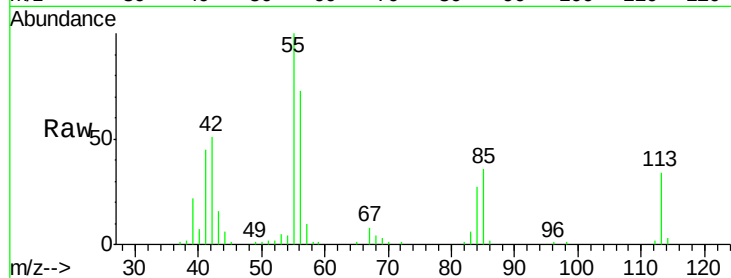
Tot Ion:113 Resp: 46711

Ion Ratio Lower Upper

113 100

55 293.3 152.4 192.4#

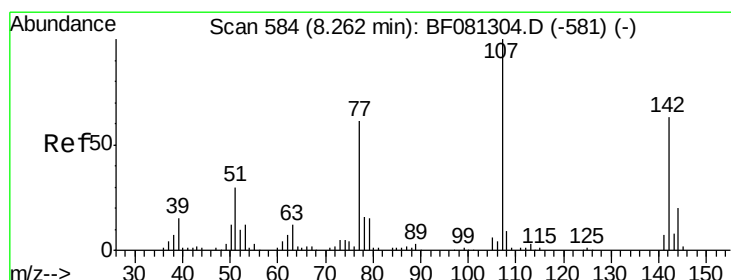
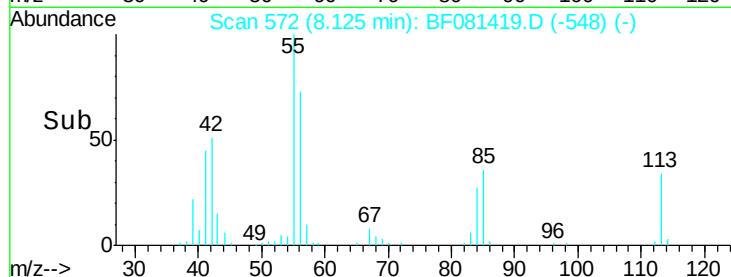
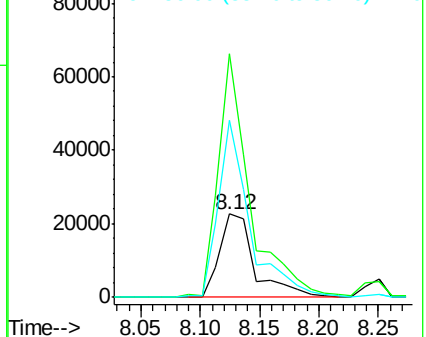
56 213.9 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.30 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

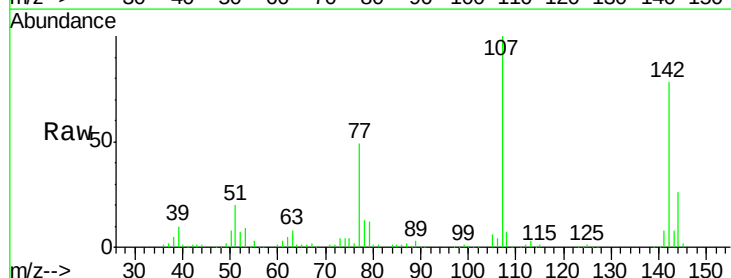
Tgt Ion:107 Resp: 186464

Ion Ratio Lower Upper

107 100

144 25.5 25.4 38.0

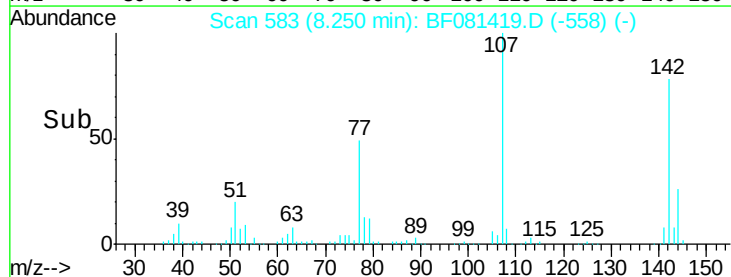
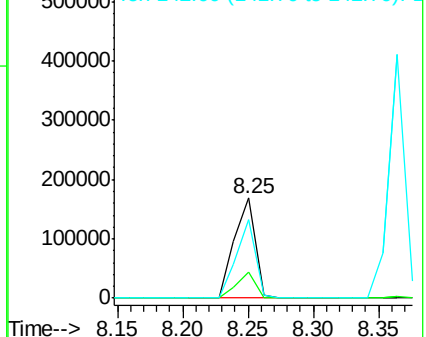
142 77.9 77.3 115.9

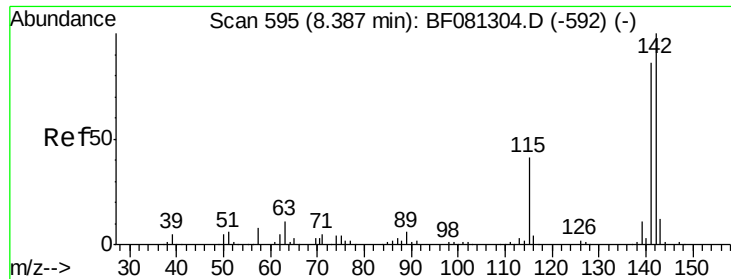


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

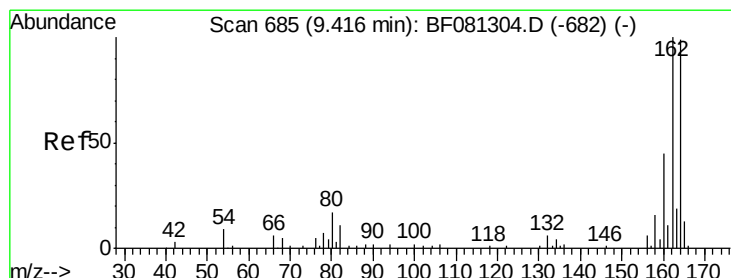
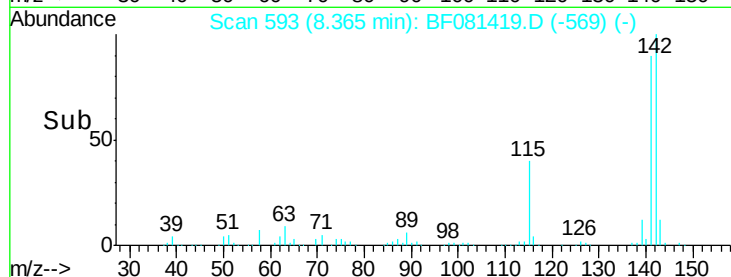
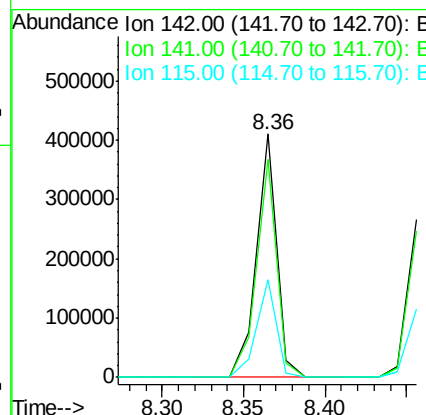
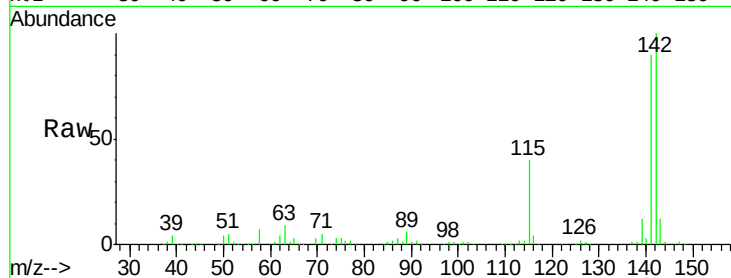




#37
 2-Methylnaphthalene
 Concen: 37.40 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

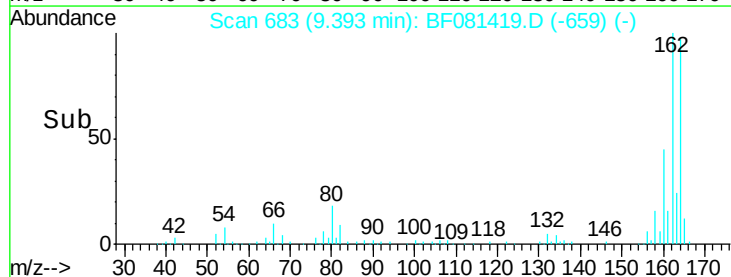
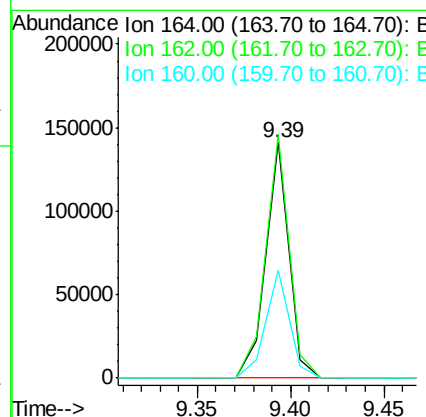
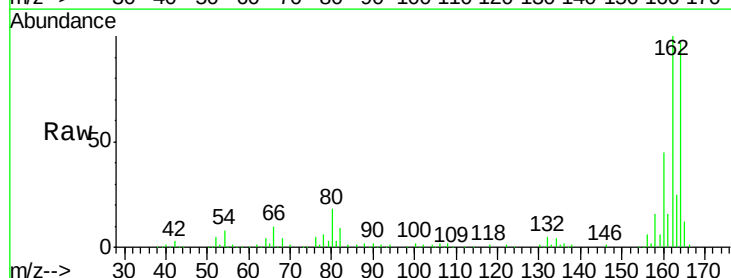
Instrument :
 BNA_F
 ClientSampleId :

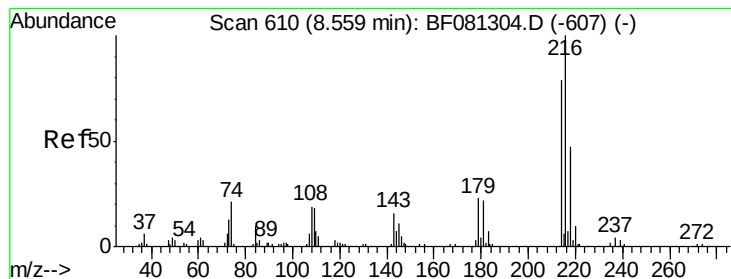
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	67.5	101.3
115	40.2	18.2	27.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	75.2	112.8
160	46.0	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.92 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 155483

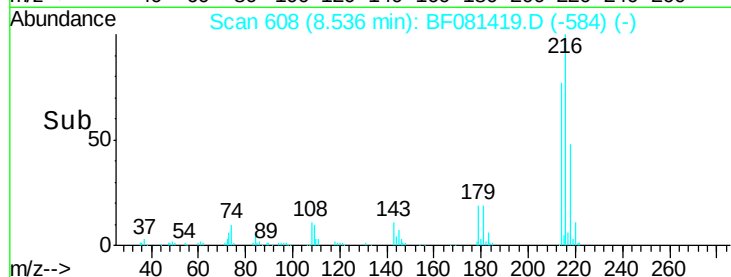
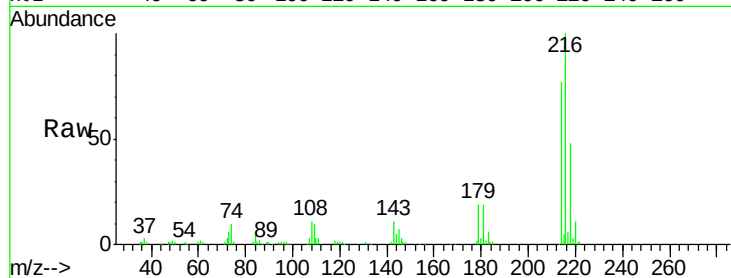
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.6 16.6 24.8

108 19.2 16.3 24.5

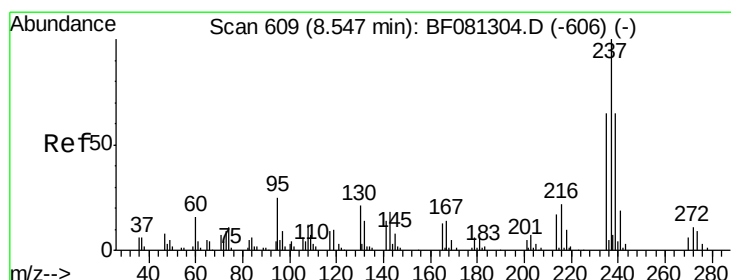
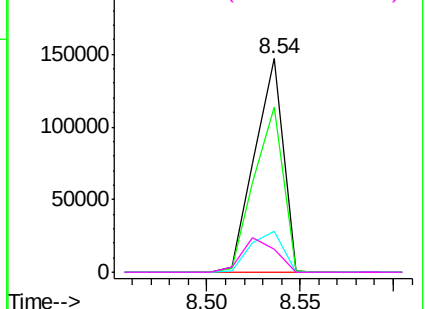


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.59 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

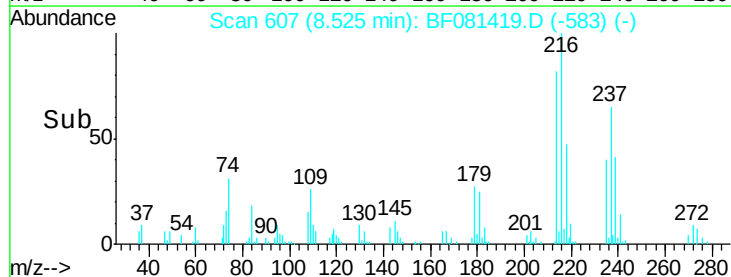
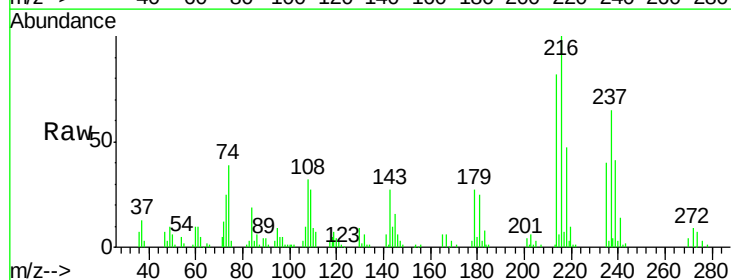
Tgt Ion:237 Resp: 60776

Ion Ratio Lower Upper

237 100

235 62.0 42.0 82.0

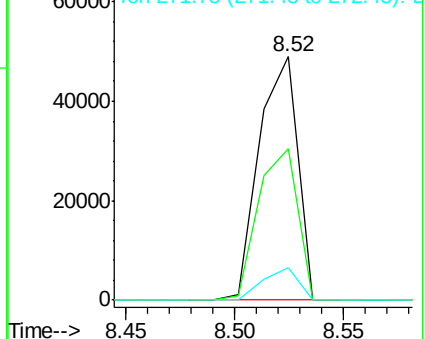
272 13.4 0.0 36.1

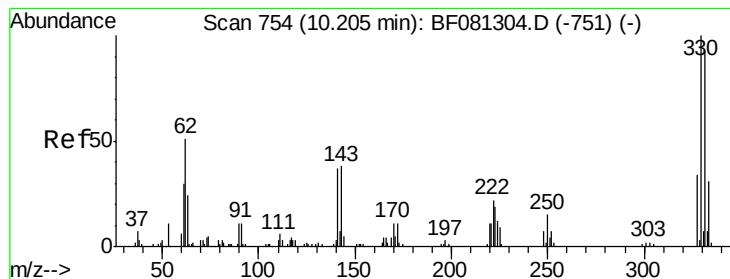


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.31 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

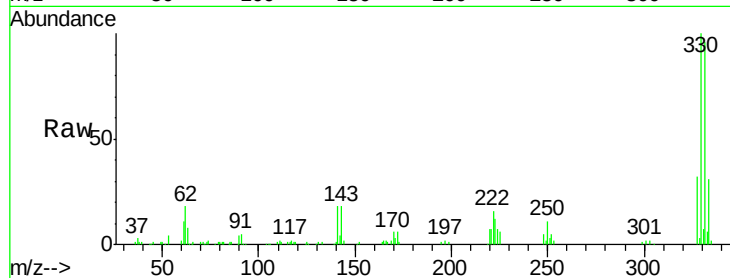
Tot Ion:330 Resp: 91270

Ion Ratio Lower Upper

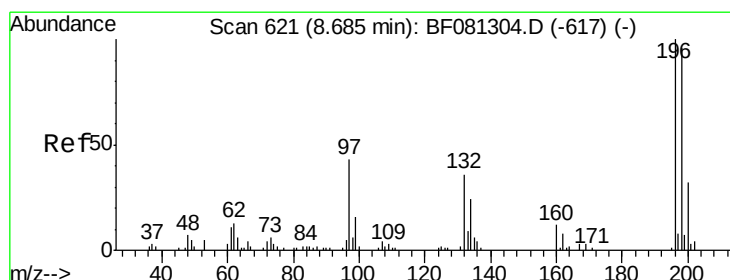
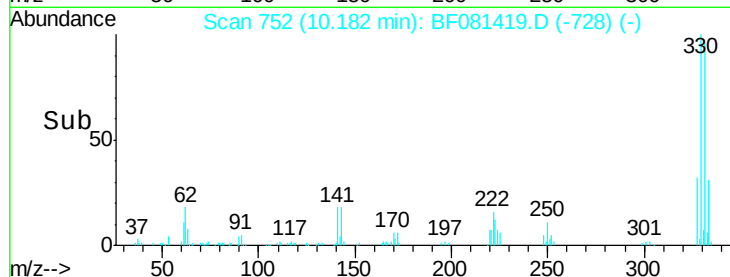
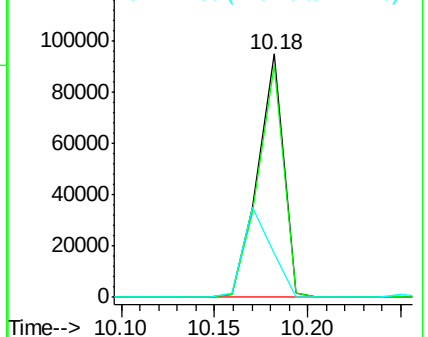
330 100

332 95.2 76.6 114.8

141 41.1 29.7 44.5



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



#42

2,4,6-Trichlorophenol

Concen: 39.84 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

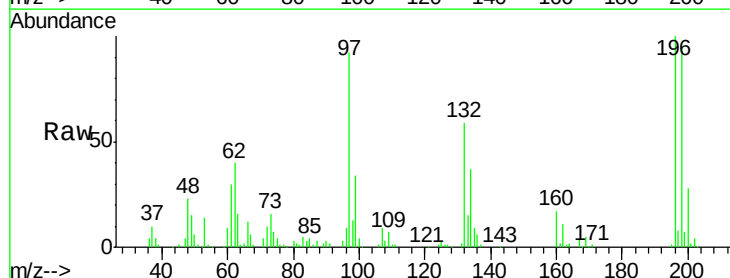
Tgt Ion:196 Resp: 104484

Ion Ratio Lower Upper

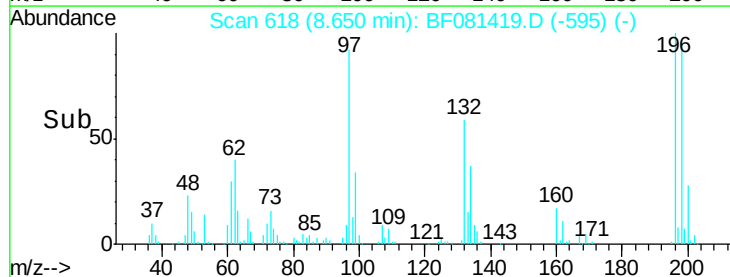
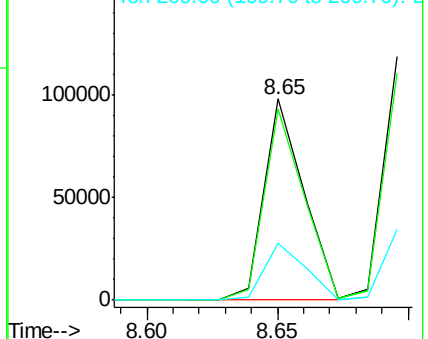
196 100

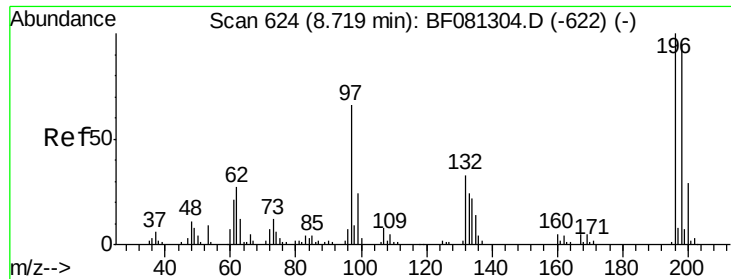
198 94.9 75.7 113.5

200 28.0 23.9 35.9



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

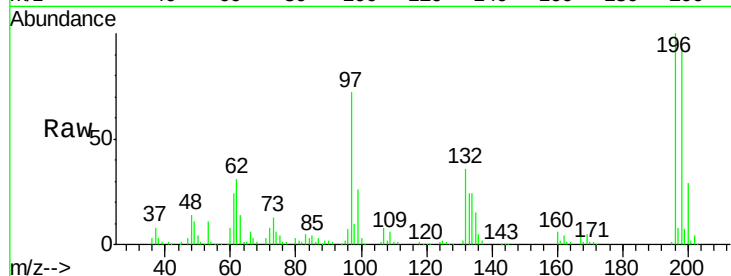




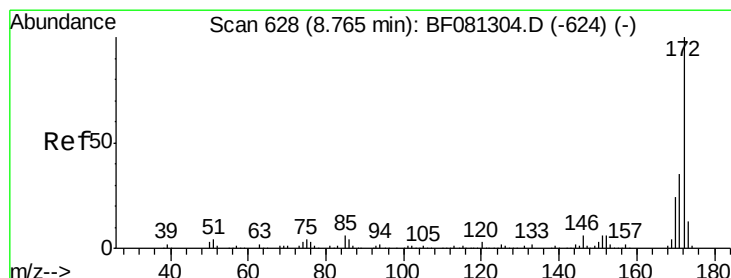
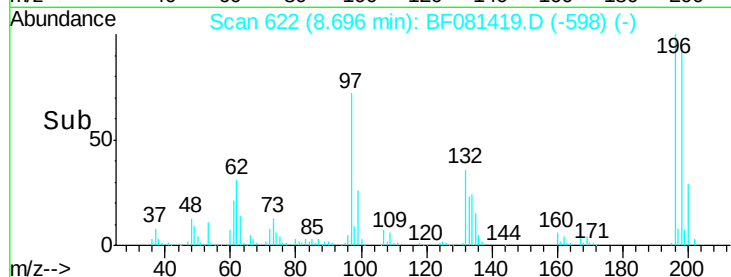
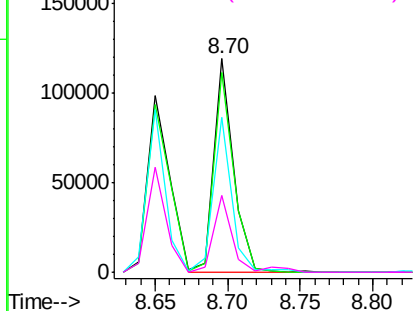
#43
 2,4,5-Trichlorophenol
 Concen: 41.35 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 110616
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.4 113.0
 97 72.3 33.3 49.9#
 132 36.1 24.6 37.0

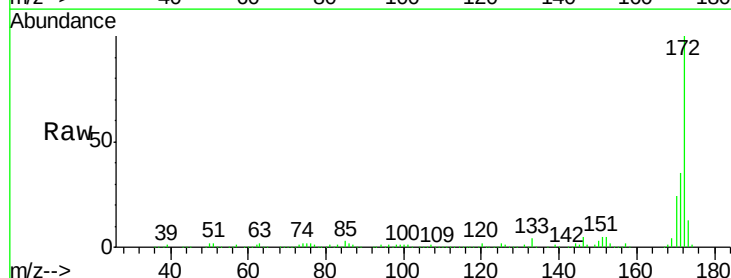


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

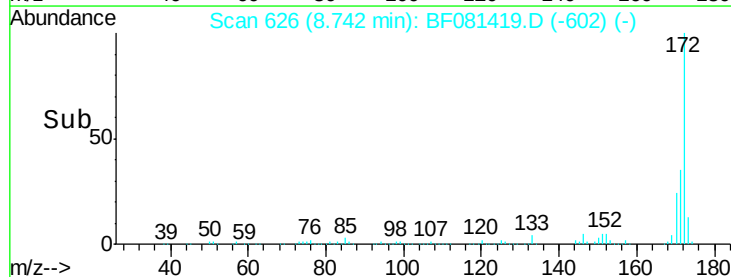
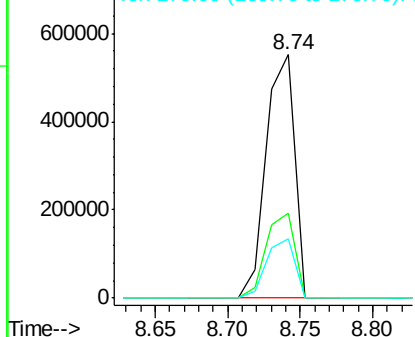


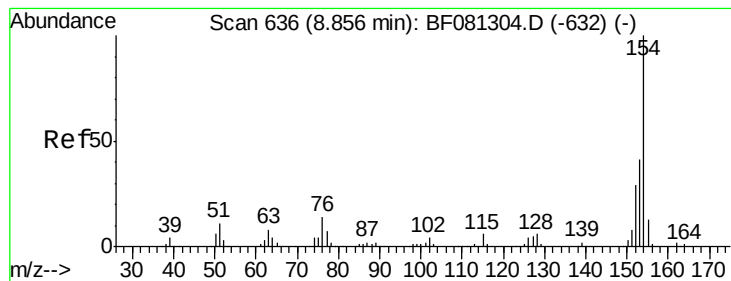
#44
 2-Fluorobiphenyl
 Concen: 79.95 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:172 Resp: 749588
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 24.1 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 43.46 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

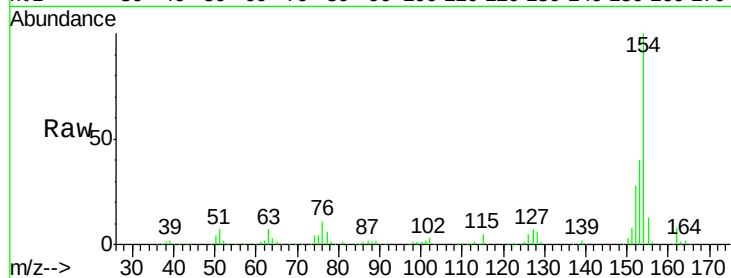
Tot Ion:154 Resp: 480445

Ion Ratio Lower Upper

154 100

153 39.9 17.1 57.1

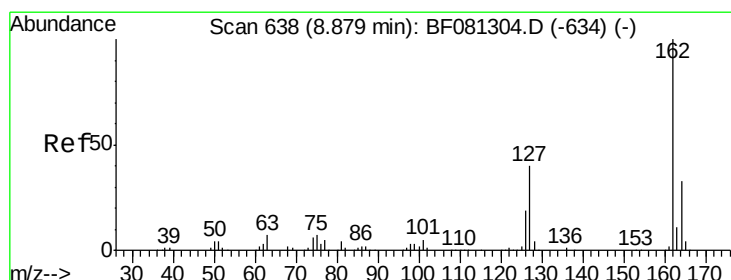
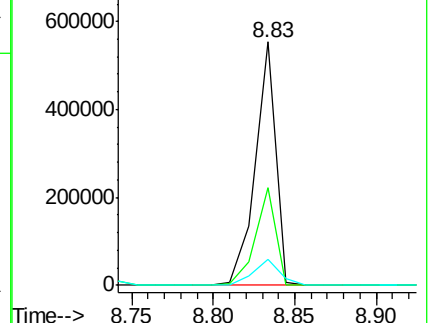
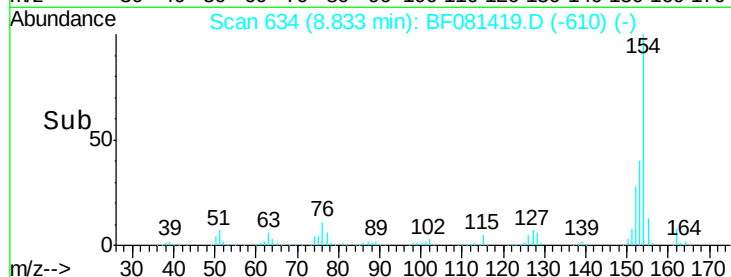
76 10.5 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.36 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

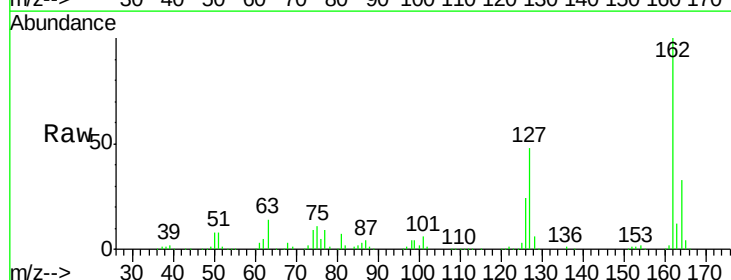
Tgt Ion:162 Resp: 298277

Ion Ratio Lower Upper

162 100

127 47.9 27.6 41.4#

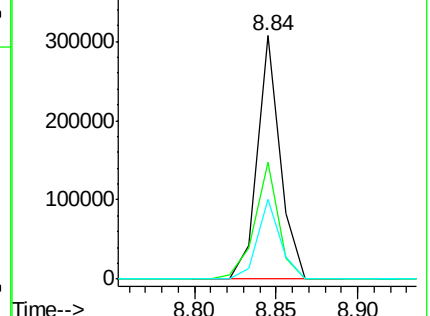
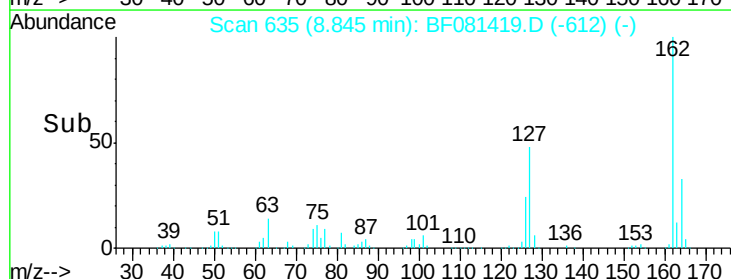
164 32.8 25.4 38.2

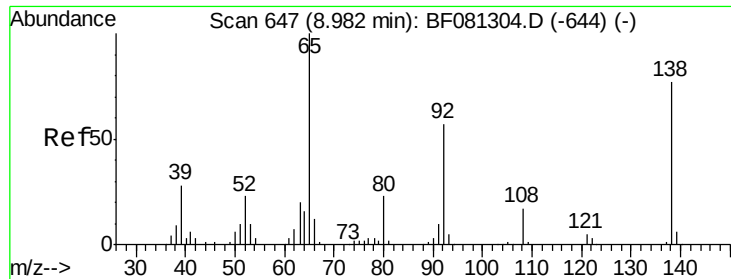


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

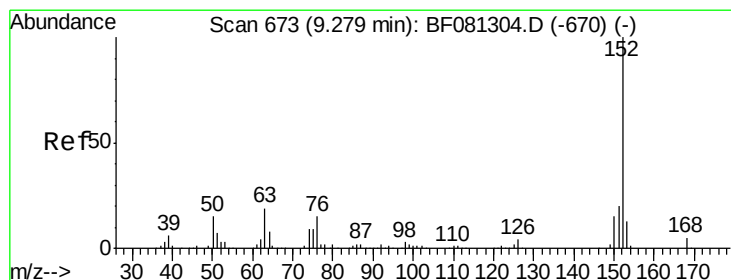
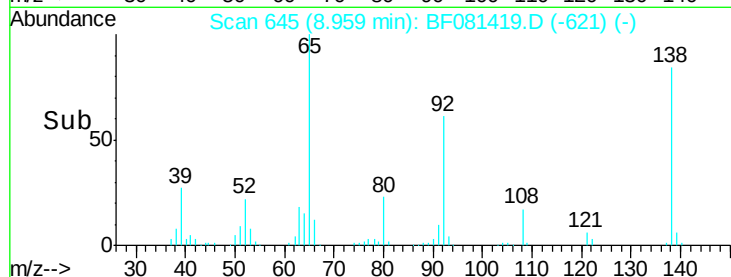
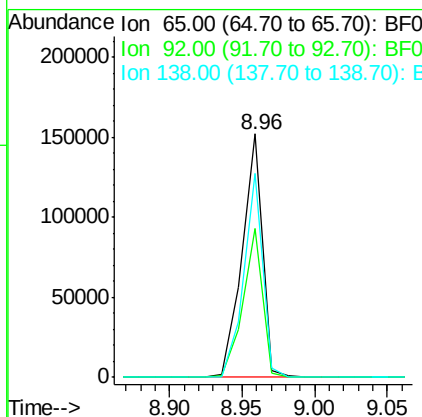
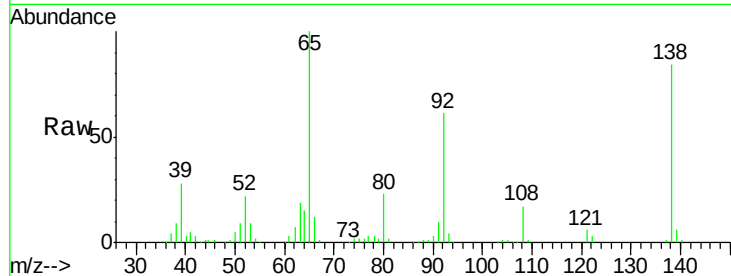




#47
2-Nitroaniline
Concen: 45.30 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

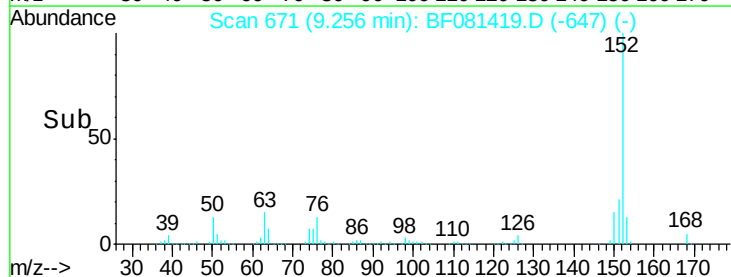
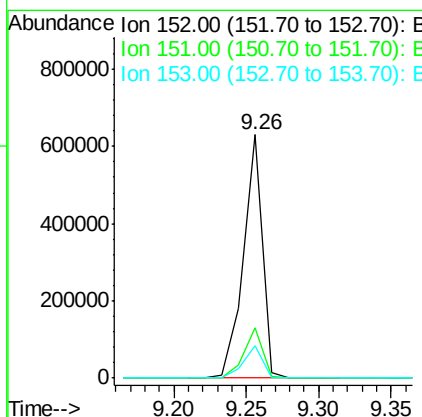
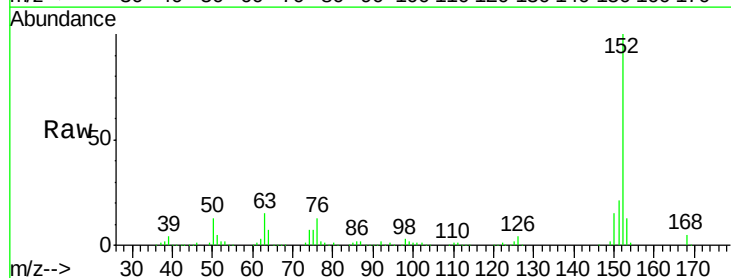
Instrument :
BNA_F
ClientSampleId :

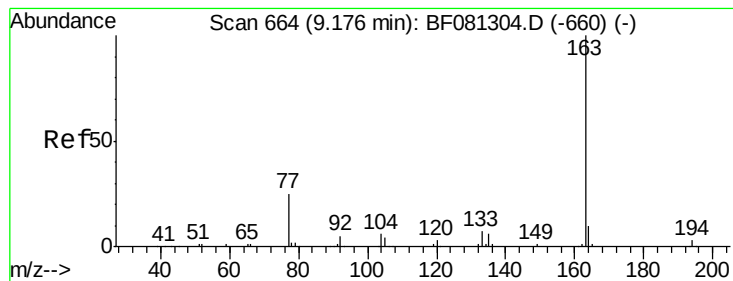
Tot Ion: 65 Resp: 147391
Ion Ratio Lower Upper
65 100
92 61.0 55.4 83.0
138 84.0 115.5 173.3#



#48
Acenaphthylene
Concen: 40.52 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Tgt Ion: 152 Resp: 573831
Ion Ratio Lower Upper
152 100
151 20.5 14.6 22.0
153 13.1 10.3 15.5





#49

Dimethylphthalate

Concen: 40.95 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

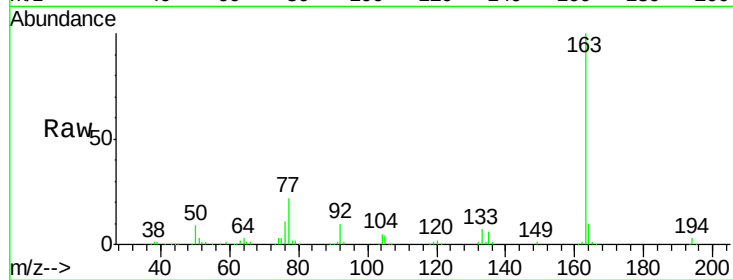
Tot Ion:163 Resp: 382250

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

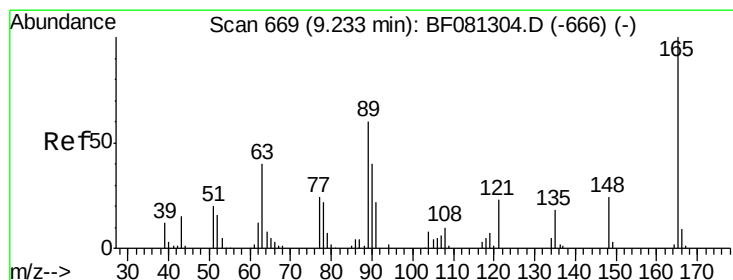
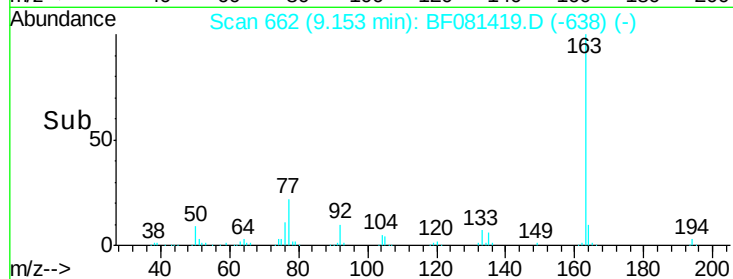
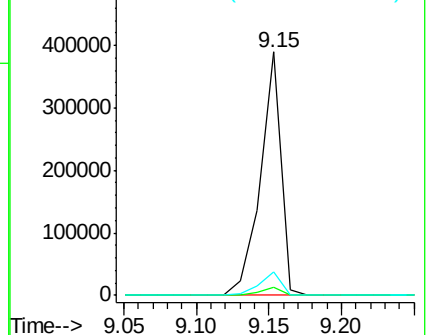
164 9.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.61 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

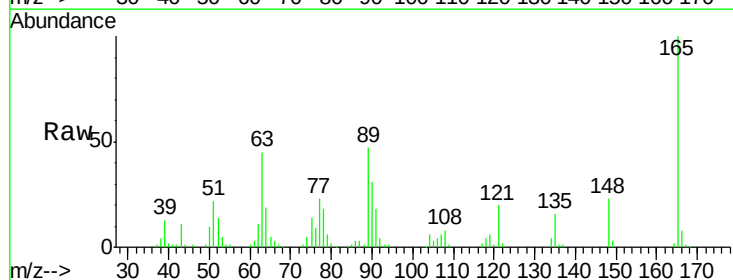
Tgt Ion:165 Resp: 86035

Ion Ratio Lower Upper

165 100

63 45.4 32.3 48.5

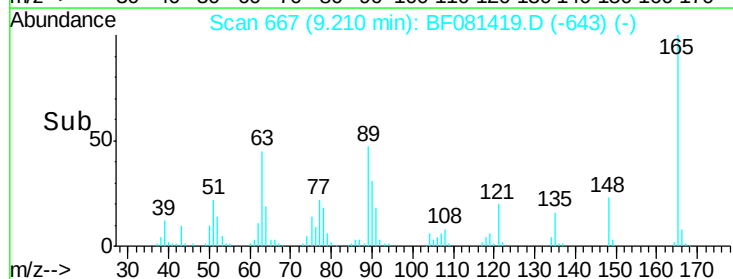
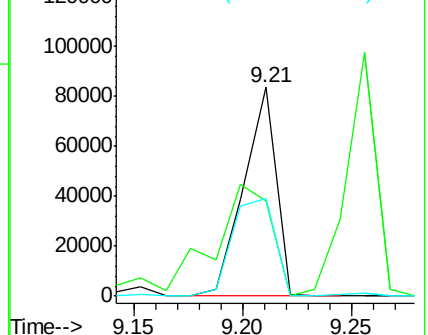
89 46.8 28.6 43.0#

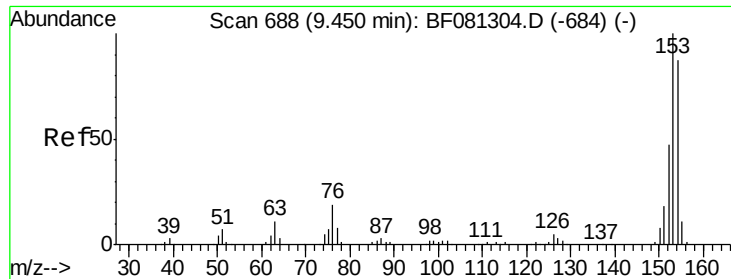


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.10 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

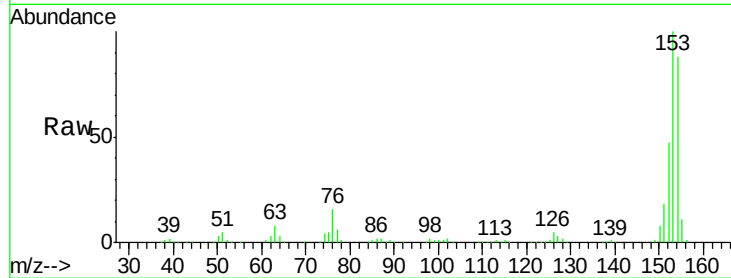
Tot Ion:154 Resp: 331164

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

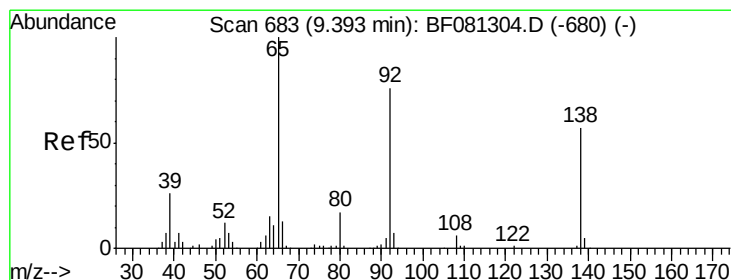
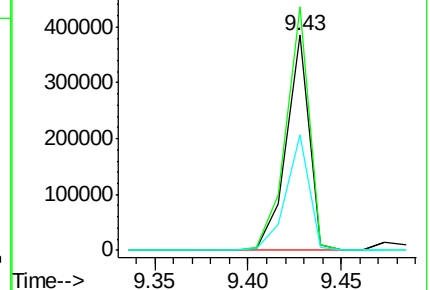
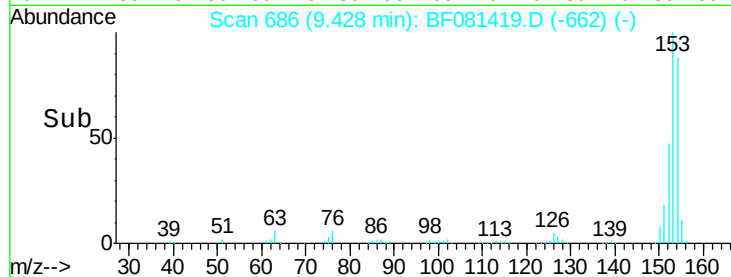
152 53.6 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.61 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

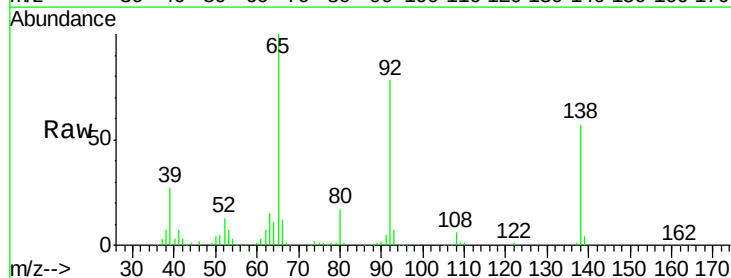
Tgt Ion:138 Resp: 97955

Ion Ratio Lower Upper

138 100

108 11.1 5.7 8.5#

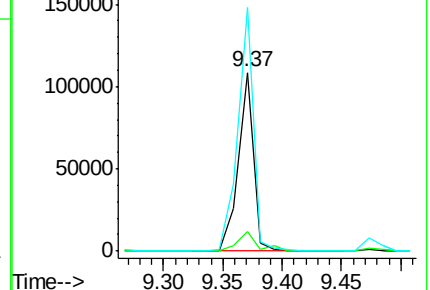
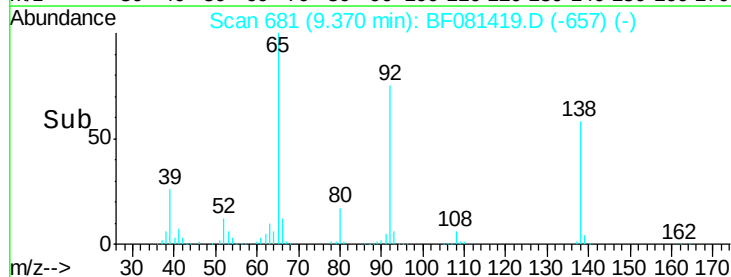
92 136.2 67.7 101.5#

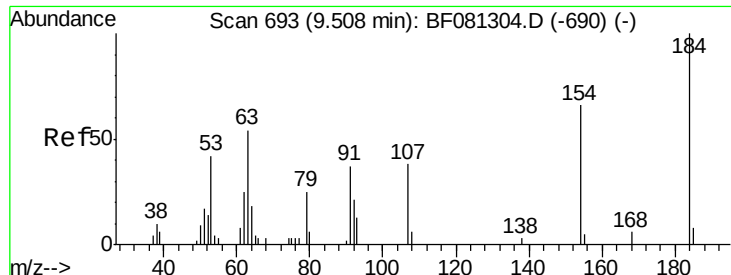


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

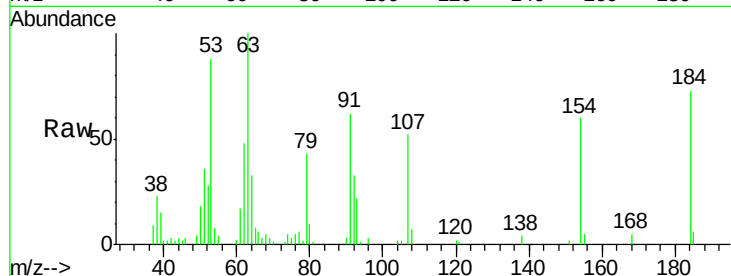




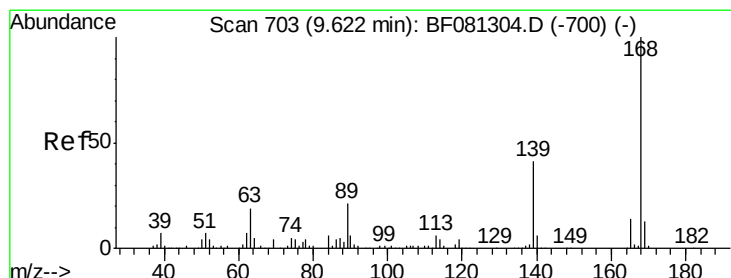
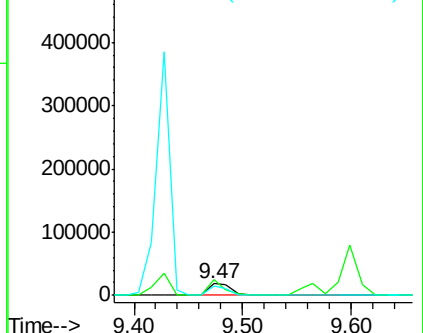
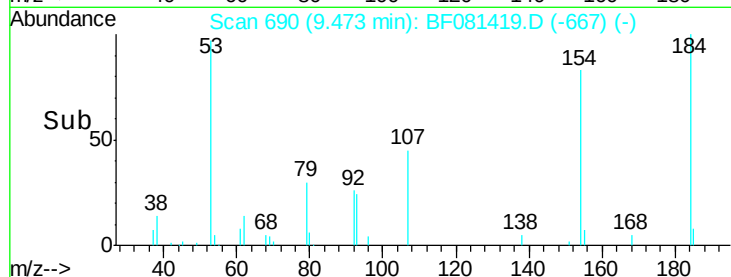
#53
2,4-Dinitrophenol
Concen: 31.44 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 28061
Ion Ratio Lower Upper
184 100
63 137.4 35.4 53.2#
154 82.8 32.2 48.4#

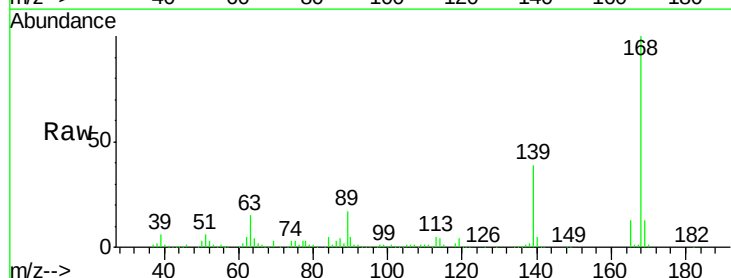


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

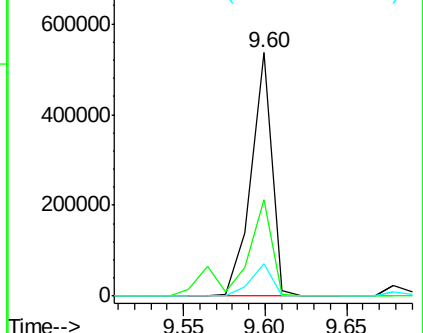
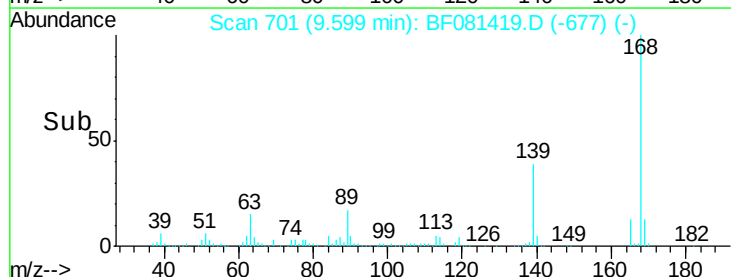


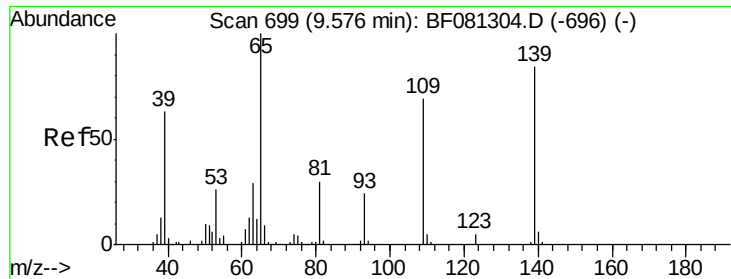
#54
Dibenzofuran
Concen: 40.36 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Tgt Ion:168 Resp: 474752
Ion Ratio Lower Upper
168 100
139 39.5 24.2 36.2#
169 13.3 10.6 15.8



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: 169.05 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

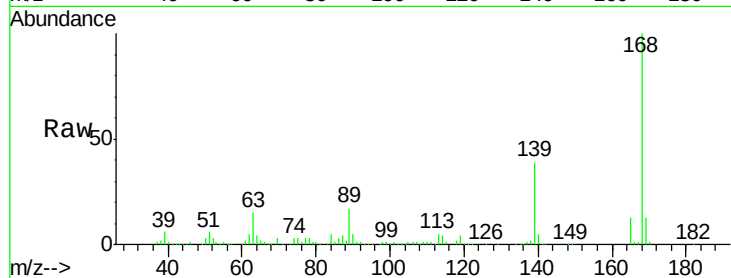
Tot Ion:139 Resp: 256181

Ion Ratio Lower Upper

139 100

109 1.3 12.7 52.7#

65 4.5 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

250000

200000

150000

100000

50000

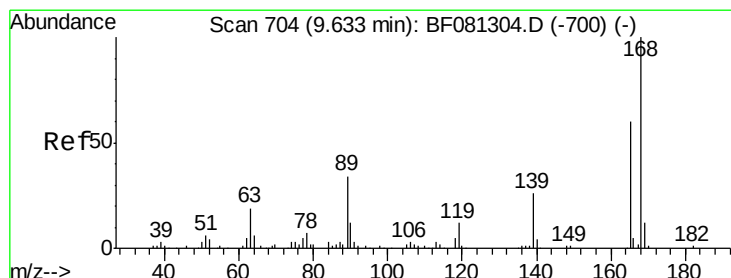
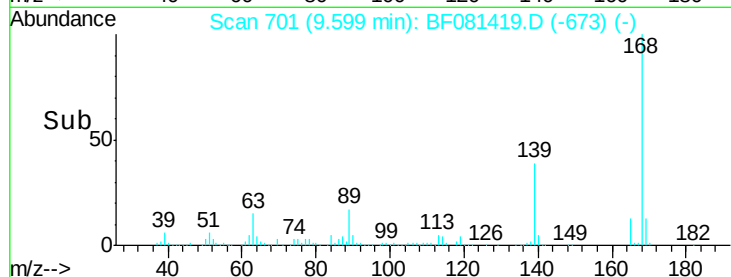
0

9.50

9.60

9.70

Time-->



#56

2,4-Dinitrotoluene

Concen: 37.02 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Tgt Ion:165 Resp: 99877

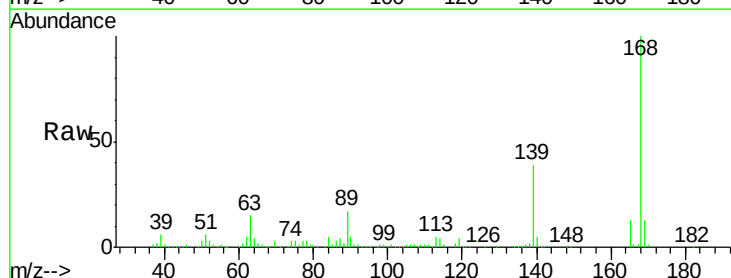
Ion Ratio Lower Upper

165 100

63 112.6 29.8 44.6#

89 125.9 44.5 66.7#

182 2.0 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

100000

50000

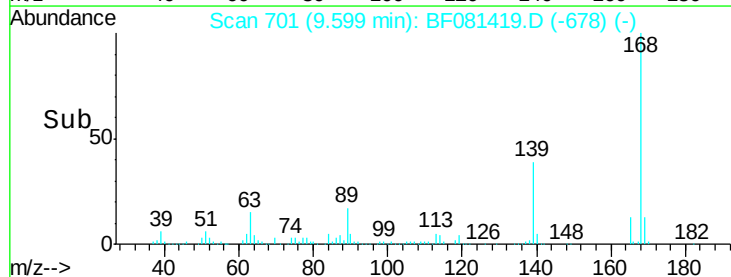
0

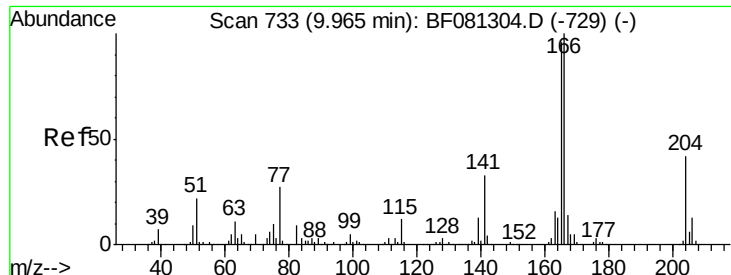
9.55

9.60

9.65

Time-->

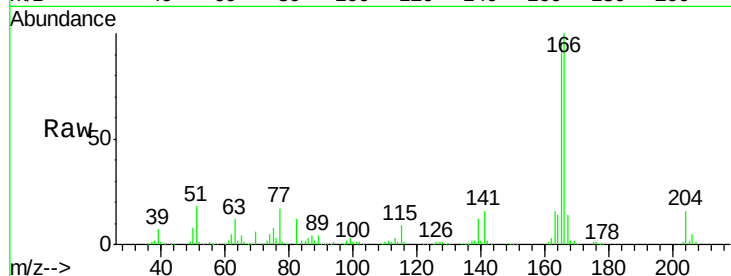




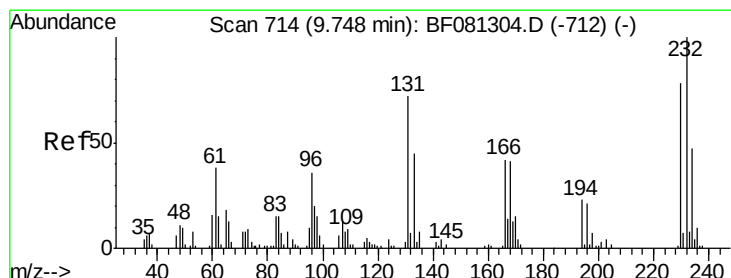
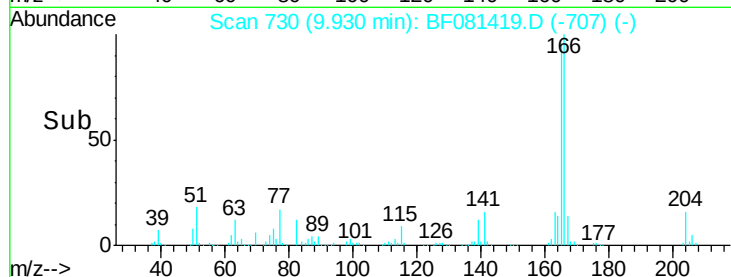
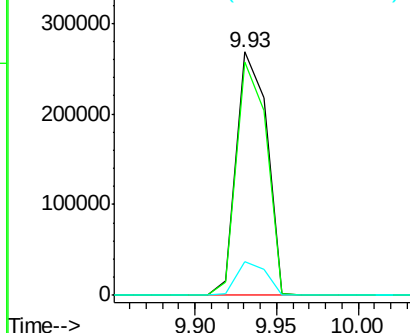
#57
 Fluorene
 Concen: 38.69 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 345407
 Ion Ratio Lower Upper
 166 100
 165 95.7 72.6 109.0
 167 14.0 10.6 16.0



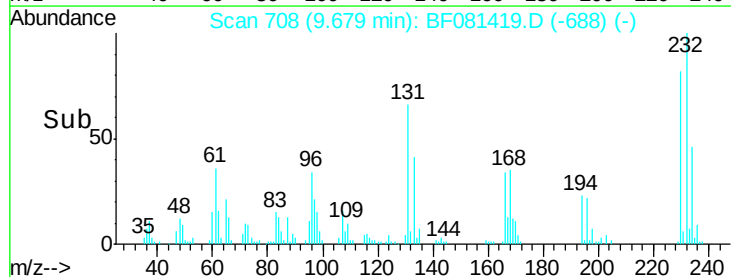
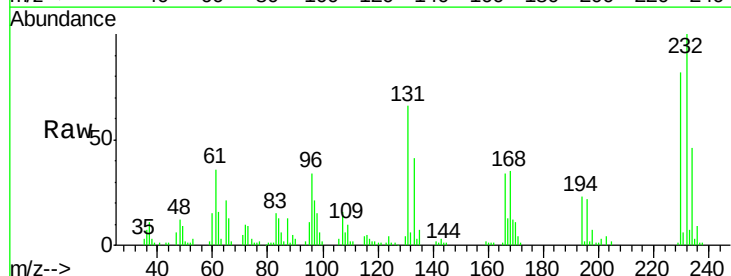
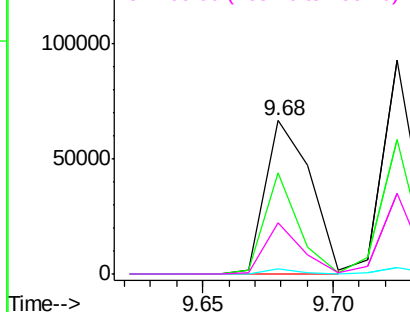
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

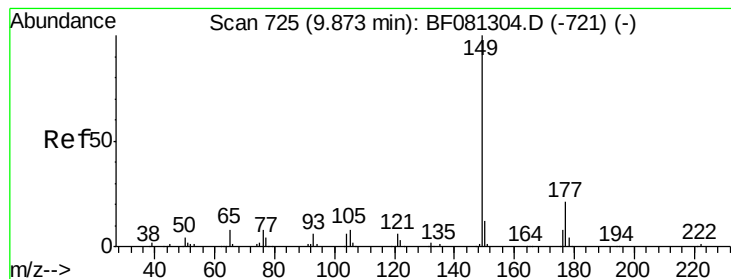


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.31 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.07 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:232 Resp: 80299
 Ion Ratio Lower Upper
 232 100
 131 49.7 38.5 57.7
 130 2.5 1.8 2.6
 166 27.3 25.0 37.6

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





#59

Diethylphthalate

Concen: 36.98 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

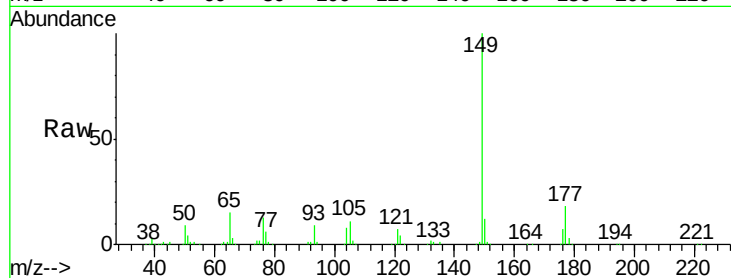
Tot Ion:149 Resp: 363095

Ion Ratio Lower Upper

149 100

177 18.0 17.5 26.3

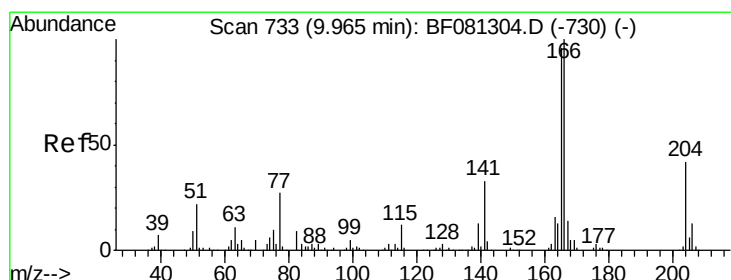
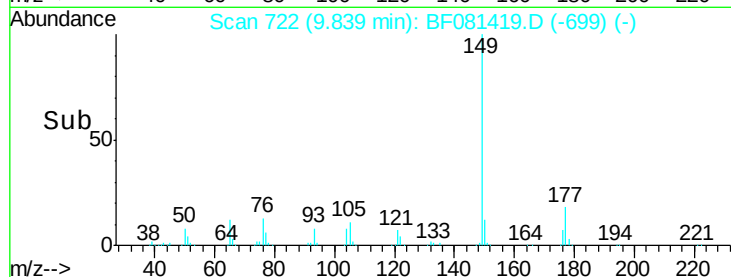
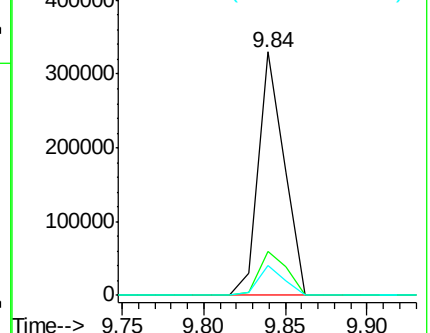
150 12.3 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.93 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

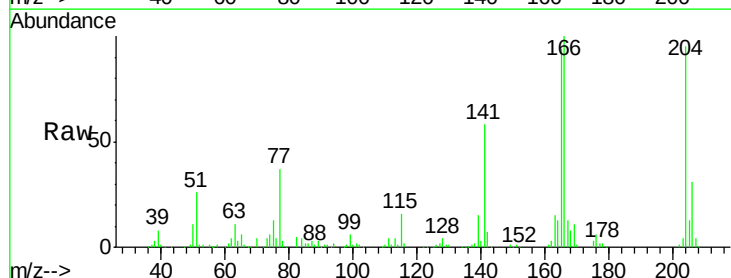
Tgt Ion:204 Resp: 174468

Ion Ratio Lower Upper

204 100

206 32.4 24.8 37.2

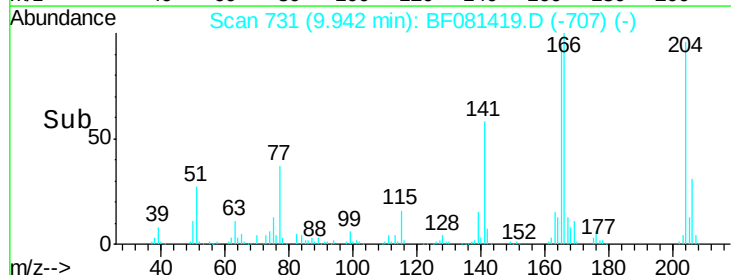
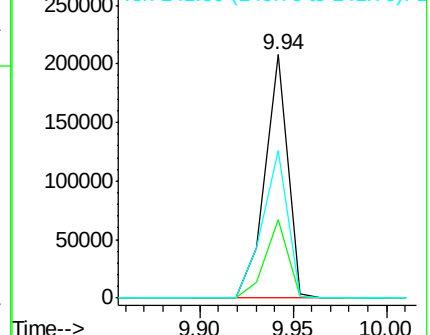
141 60.5 42.2 63.4

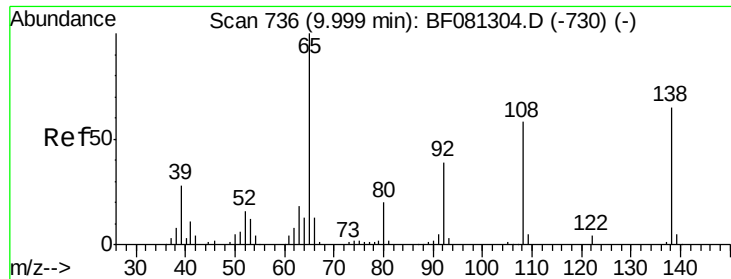


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.92 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampled :

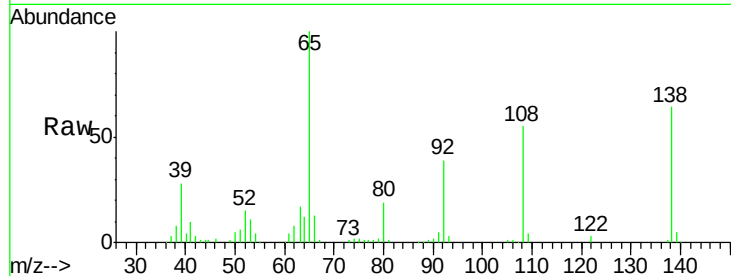
Tot Ion:138 Resp: 82665

Ion Ratio Lower Upper

138 100

92 60.6 12.6 52.6#

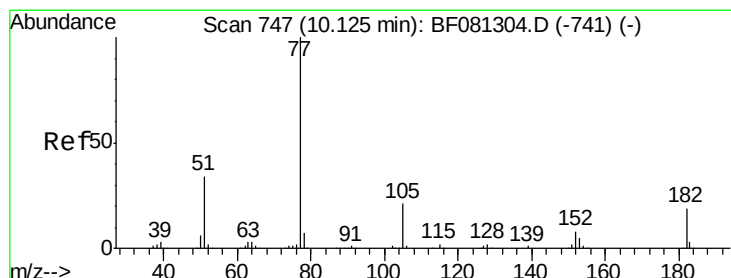
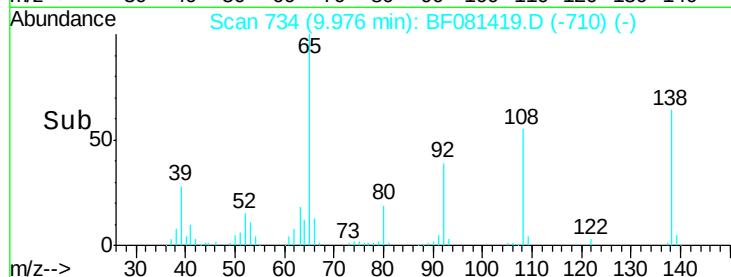
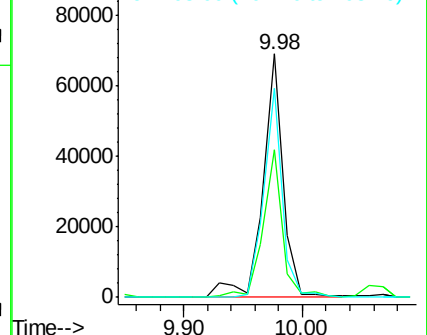
108 85.6 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.11 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Tgt Ion: 77 Resp: 426993

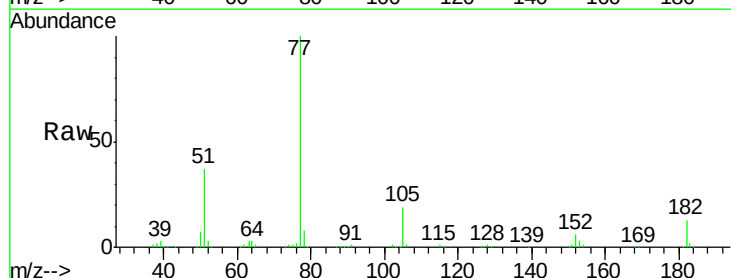
Ion Ratio Lower Upper

77 100

182 12.8 15.1 55.1#

105 18.8 3.4 43.4

51 37.4 12.0 52.0

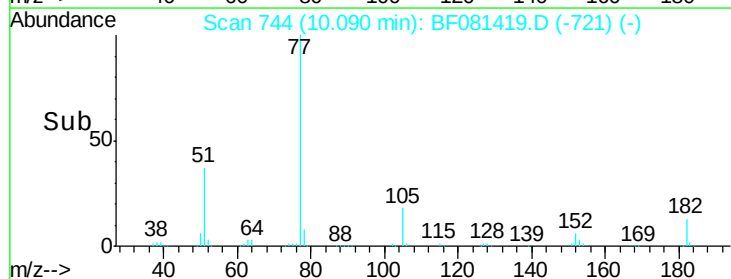
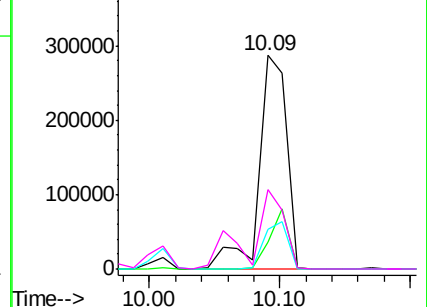


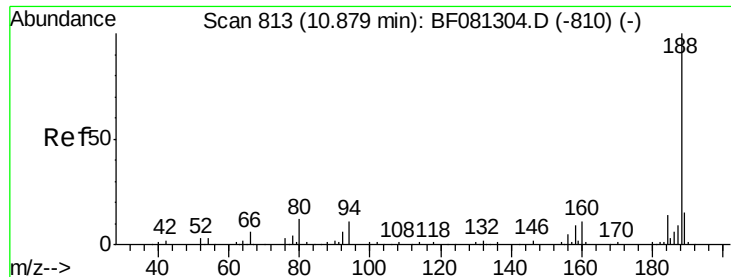
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

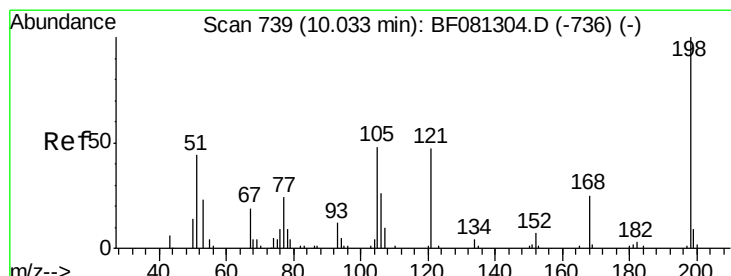
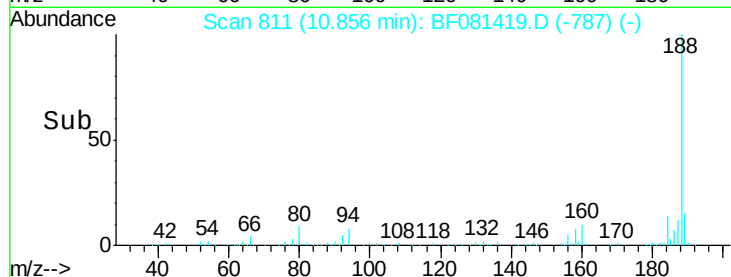
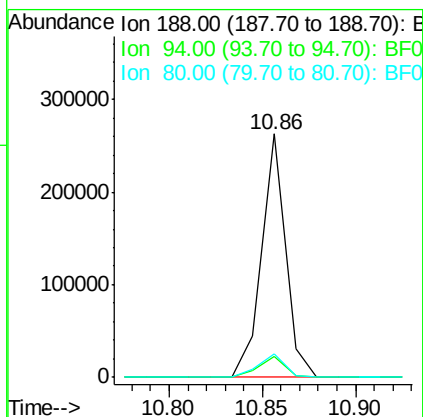
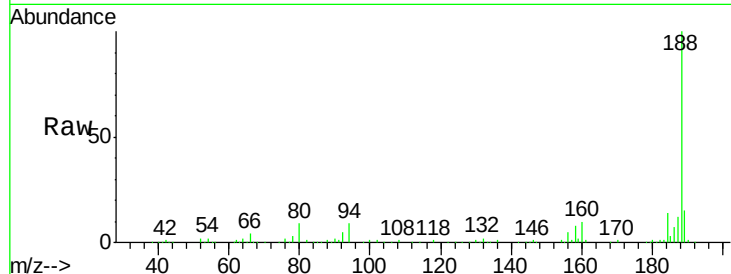




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

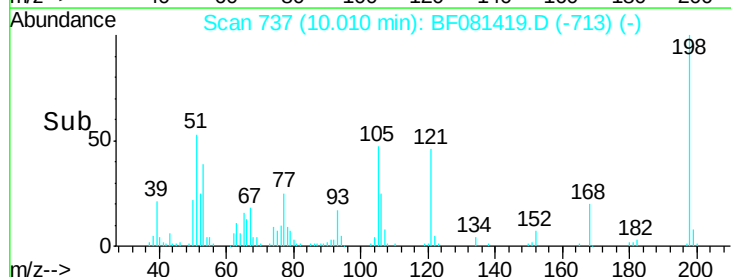
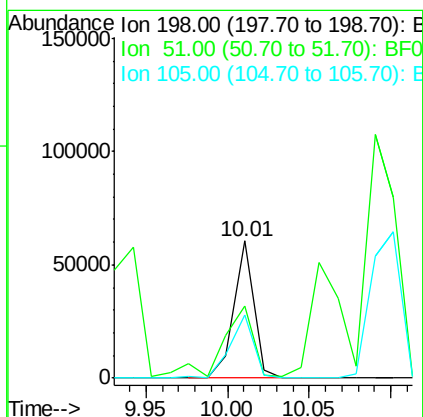
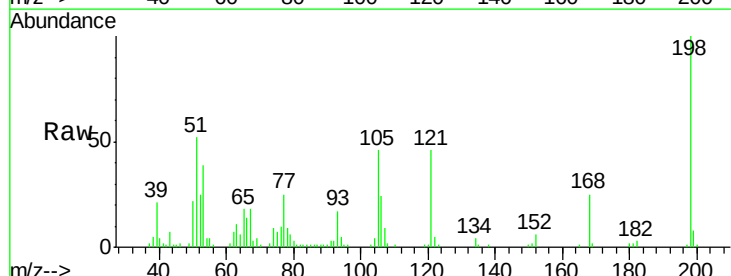
Instrument :
 BNA_F
 ClientSampleId :

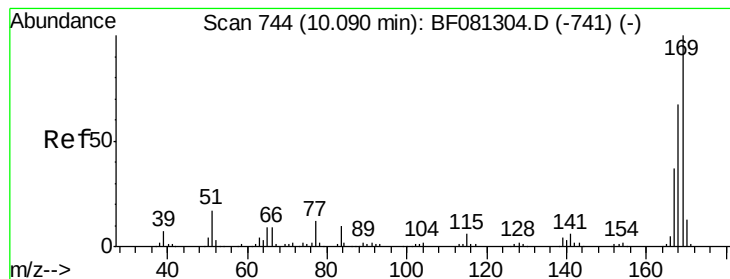
Tot Ion:188 Resp: 233543
 Ion Ratio Lower Upper
 188 100
 94 8.6 11.1 16.7#
 80 9.5 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.12 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:198 Resp: 51096
 Ion Ratio Lower Upper
 198 100
 51 52.1 39.6 79.6
 105 46.5 28.5 68.5

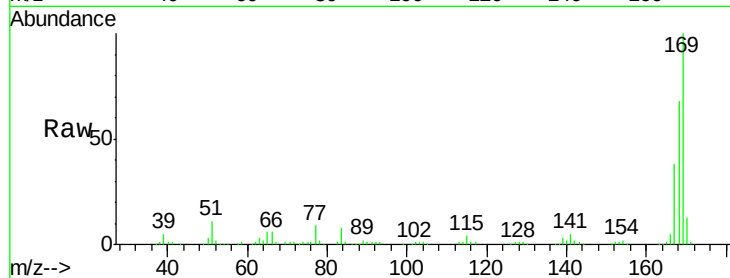




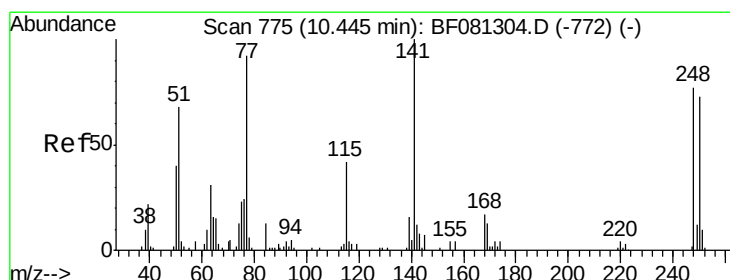
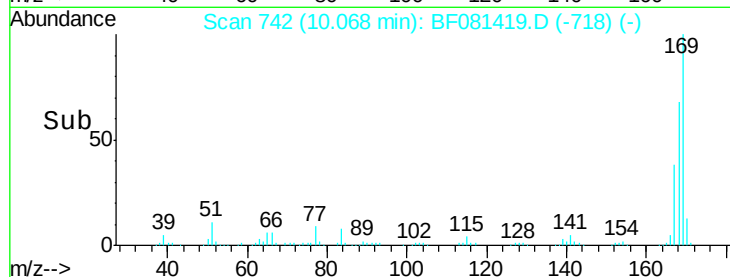
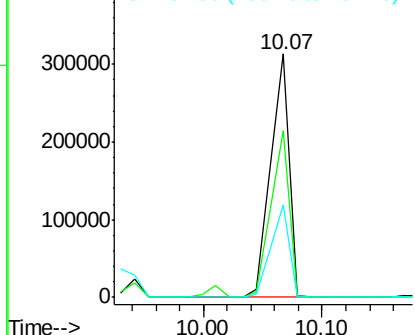
#65
 n-Nitrosodiphenylamine
 Concen: 40.25 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 342053
 Ion Ratio Lower Upper
 169 100
 168 68.4 48.9 73.3
 167 38.1 26.2 39.4

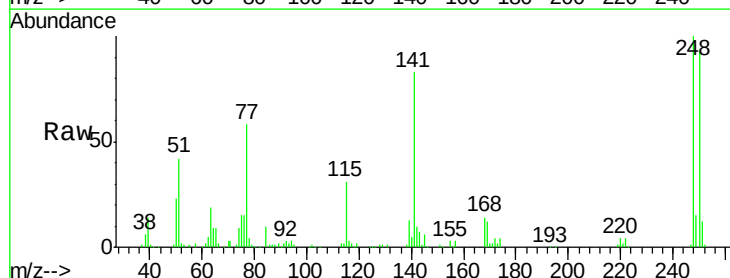


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

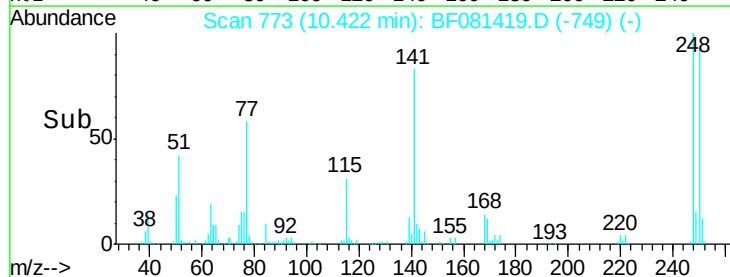
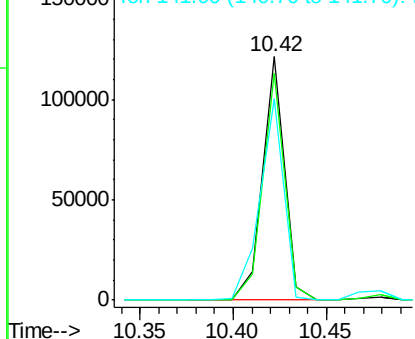


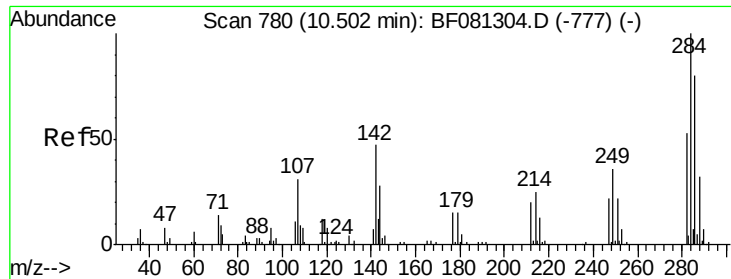
#66
 4-Bromophenyl-phenylether
 Concen: 41.39 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:248 Resp: 97734
 Ion Ratio Lower Upper
 248 100
 250 93.0 78.5 117.7
 141 82.9 59.0 88.6



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

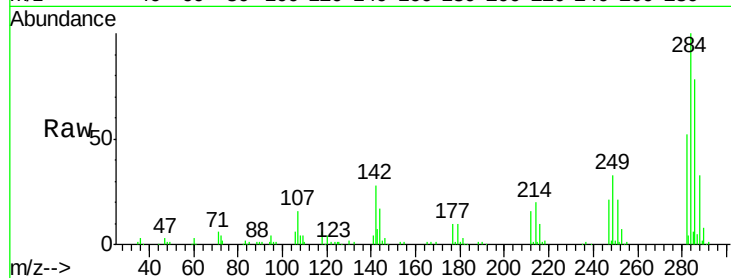




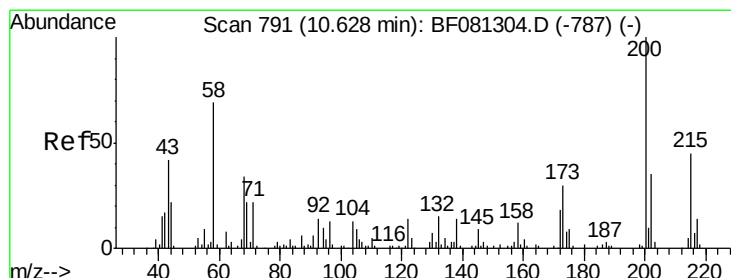
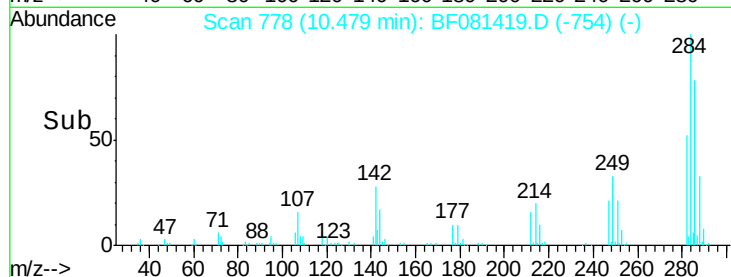
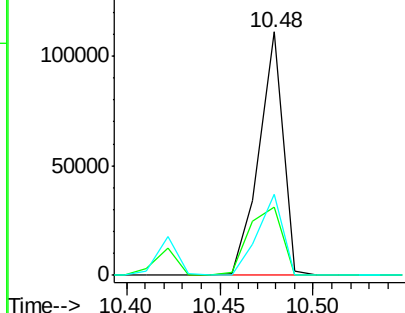
#67
Hexachlorobenzene
Concen: 41.14 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 101588
Ion Ratio Lower Upper
284 100
142 27.9 29.5 44.3#
249 33.2 19.5 29.3#

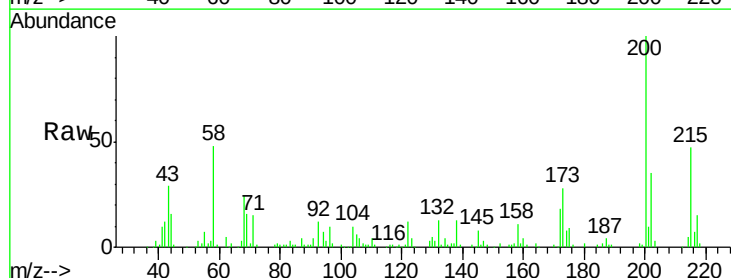


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

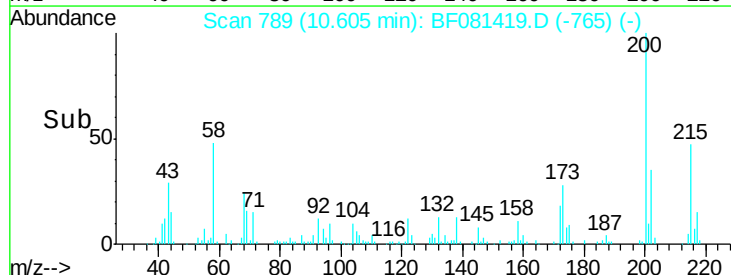
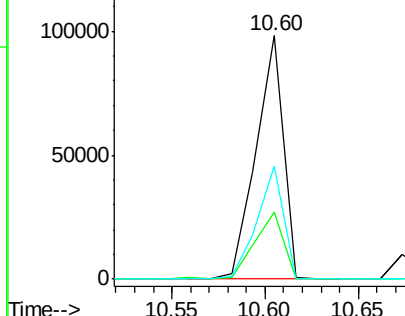


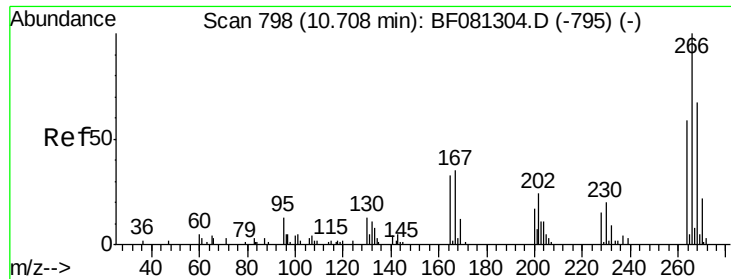
#68
Atrazine
Concen: 40.28 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Tgt Ion:200 Resp: 99049
Ion Ratio Lower Upper
200 100
173 27.7 13.2 53.2
215 46.6 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

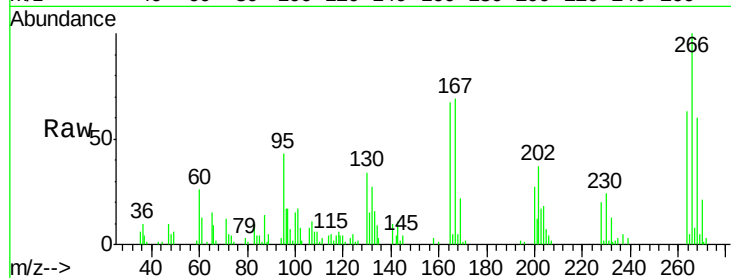




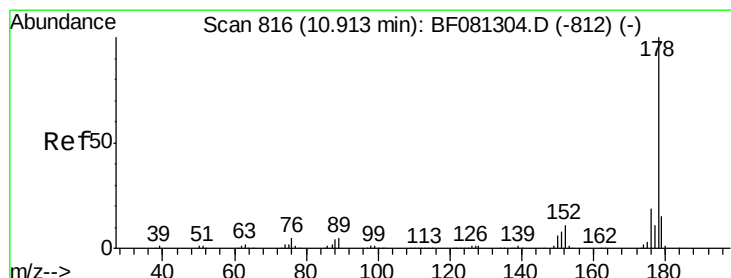
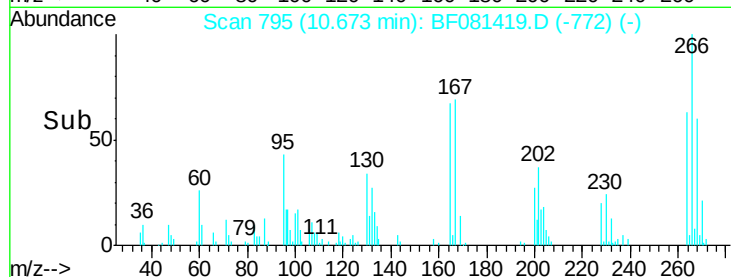
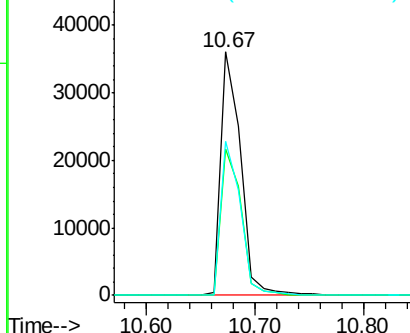
#69
 Pentachlorophenol
 Concen: 42.89 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 46080
 Ion Ratio Lower Upper
 266 100
 268 60.1 49.8 74.6
 264 63.5 50.2 75.2

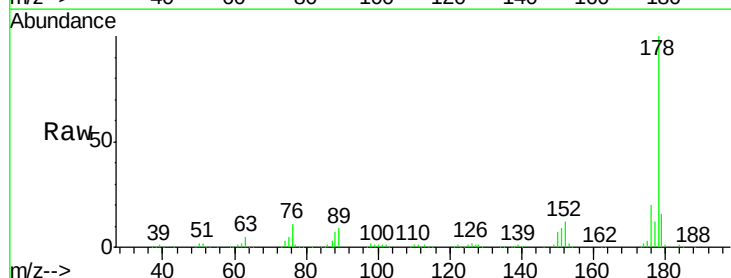


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

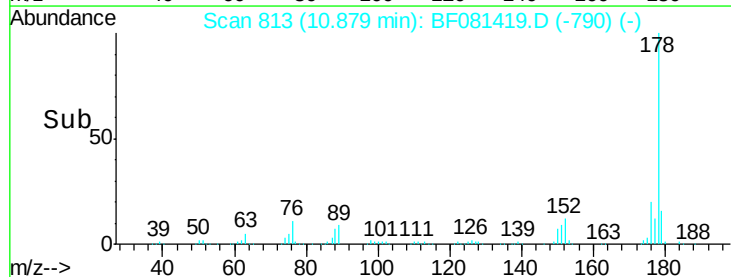
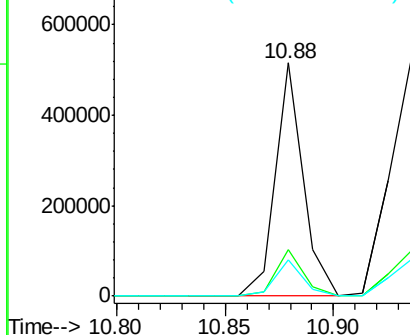


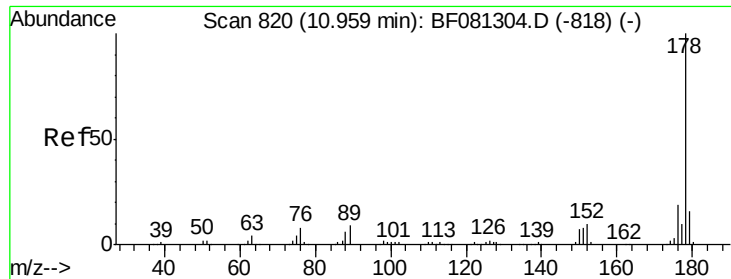
#70
 Phenanthrene
 Concen: 35.70 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:178 Resp: 463466
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 15.7 12.2 18.2



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

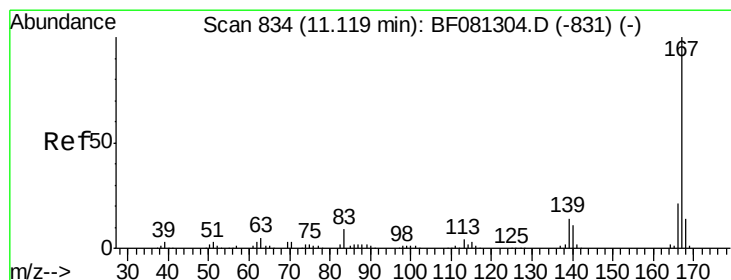
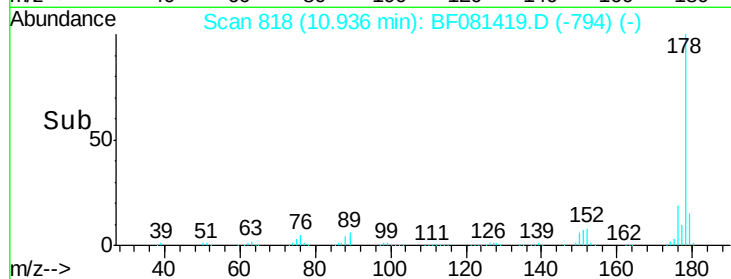
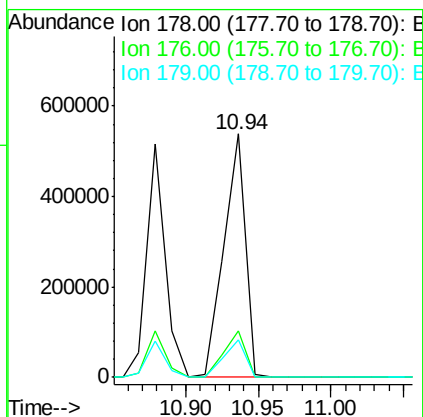
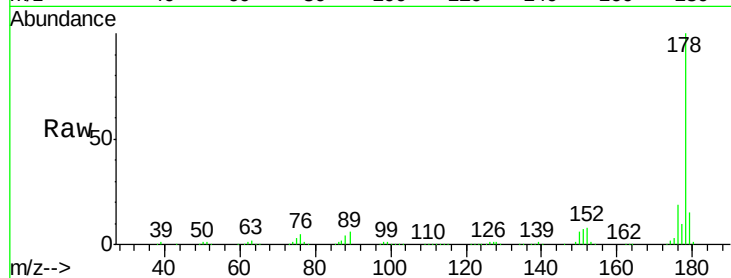




#71
 Anthracene
 Concen: 41.60 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

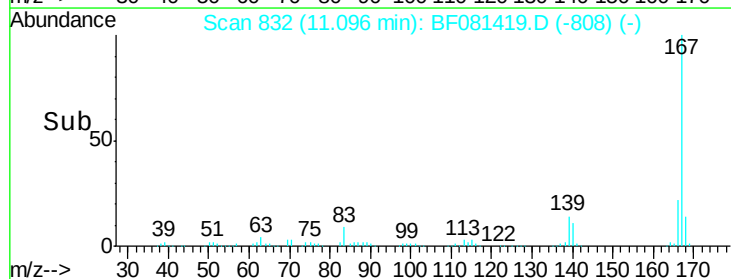
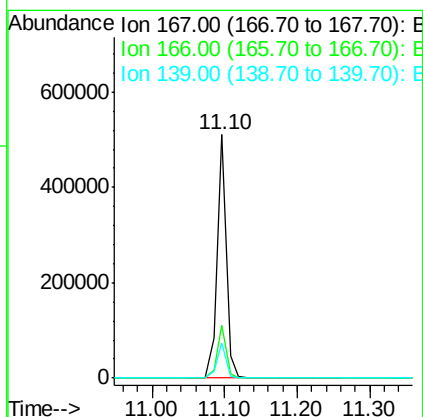
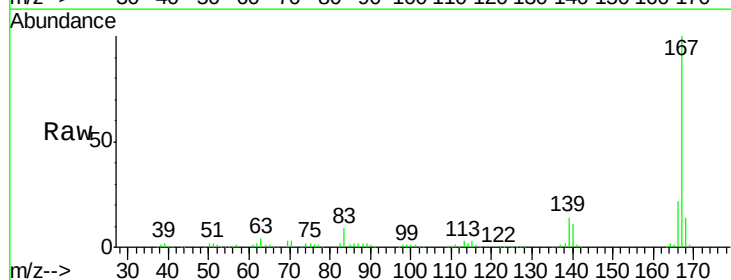
Instrument :
 BNA_F
 ClientSampleId :

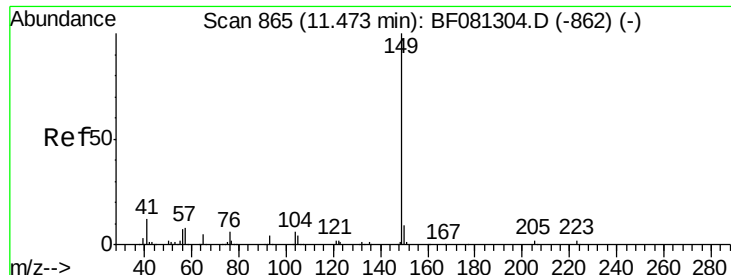
Tot Ion:178 Resp: 554863
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.3 12.2 18.2



#72
 Carbazole
 Concen: 35.68 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:167 Resp: 446563
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 14.3 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 40.24 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

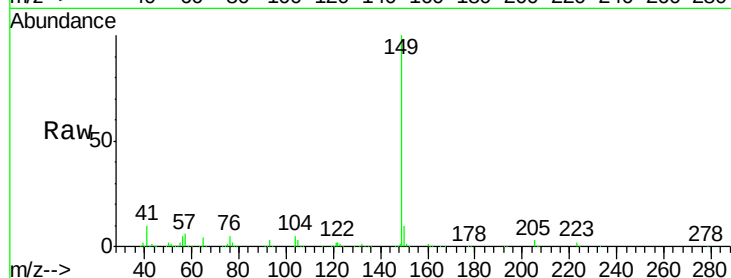
Tot Ion:149 Resp: 594862

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

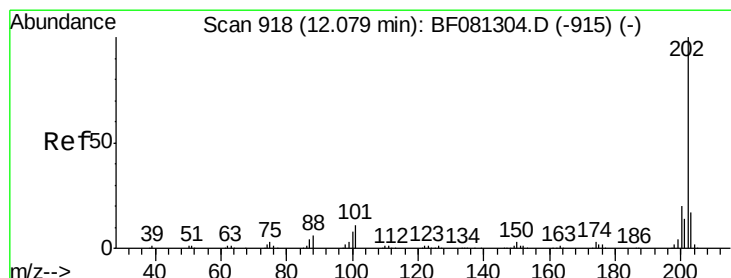
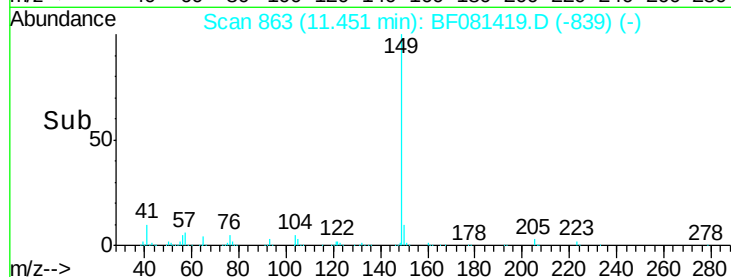
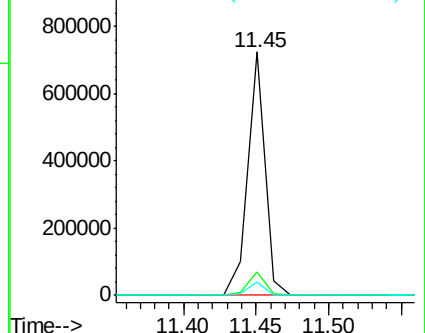
104 5.4 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.89 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

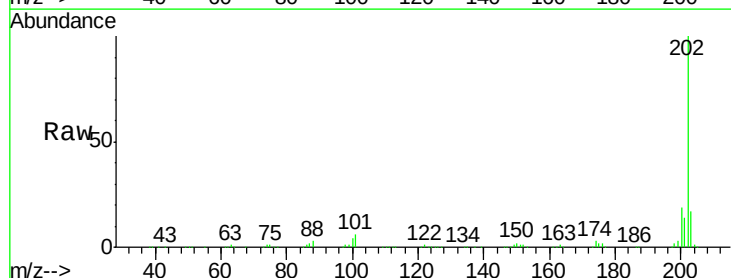
Tgt Ion:202 Resp: 518451

Ion Ratio Lower Upper

202 100

101 5.9 0.0 38.3

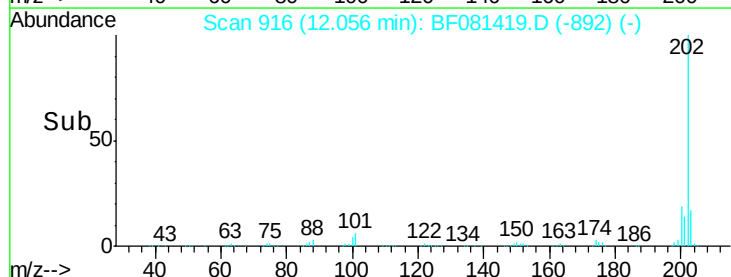
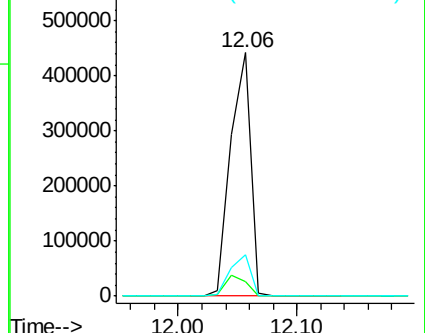
203 17.2 0.0 37.3

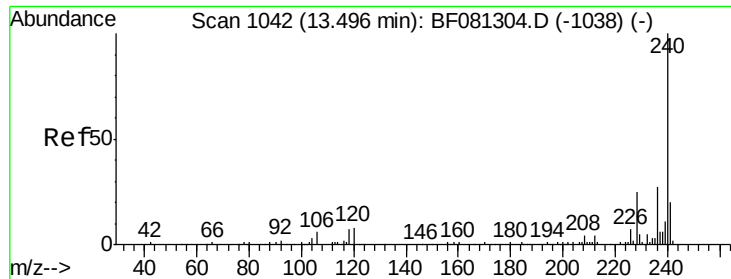


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

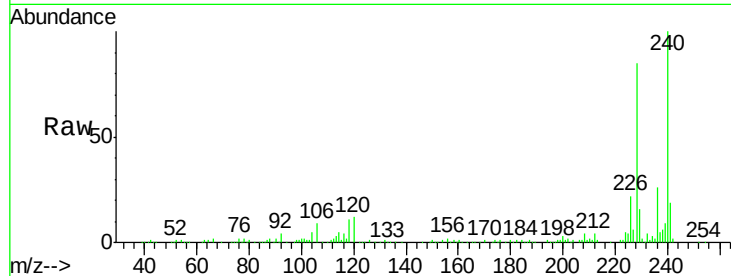
Tot Ion:240 Resp: 147238

Ion Ratio Lower Upper

240 100

120 11.9 16.2 24.2#

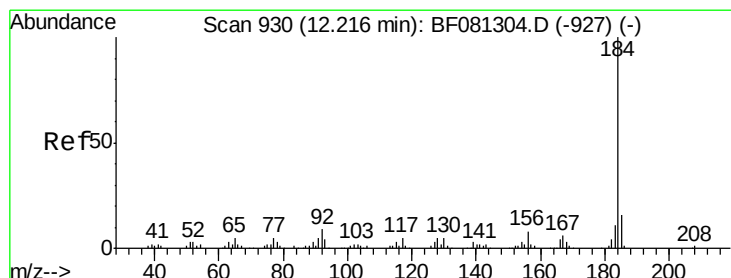
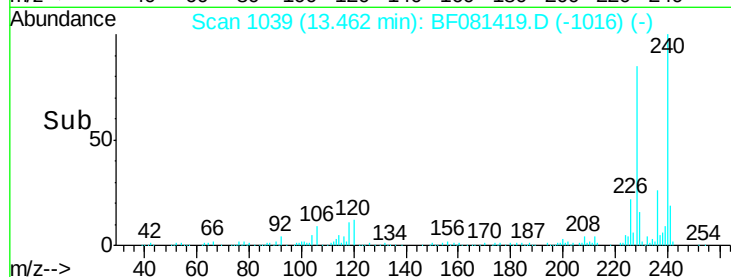
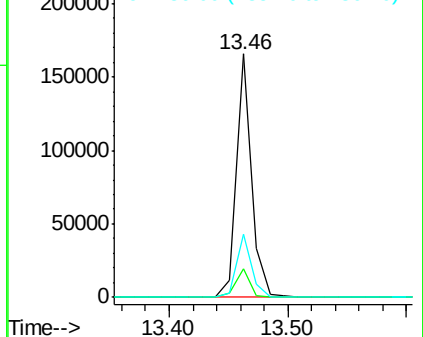
236 25.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.94 ng

RT: 12.19 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

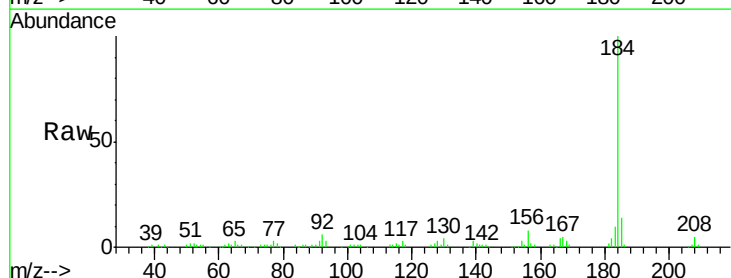
Tgt Ion:184 Resp: 119687

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

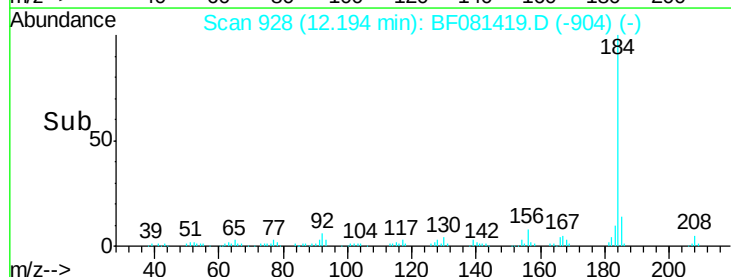
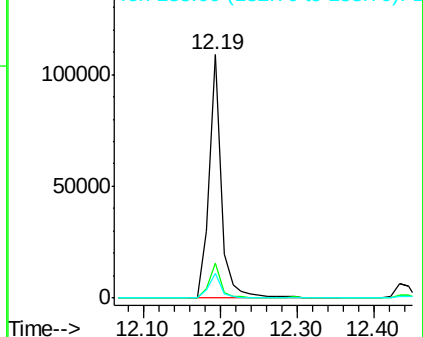
183 10.3 7.6 11.4

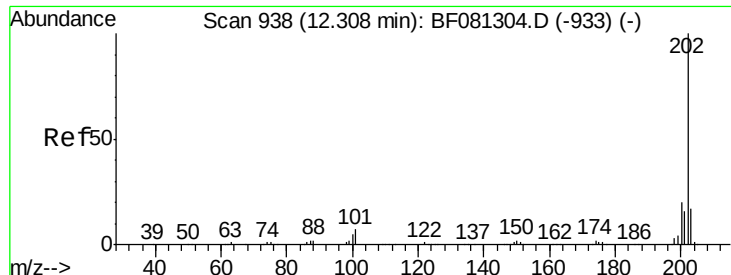


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

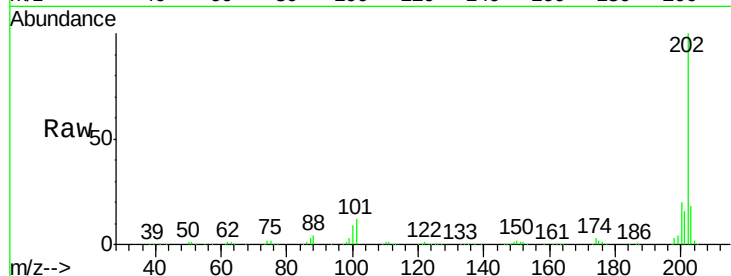




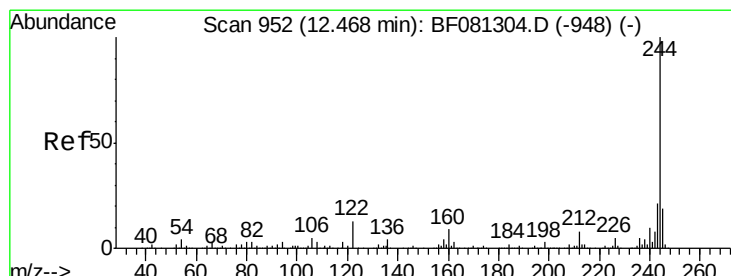
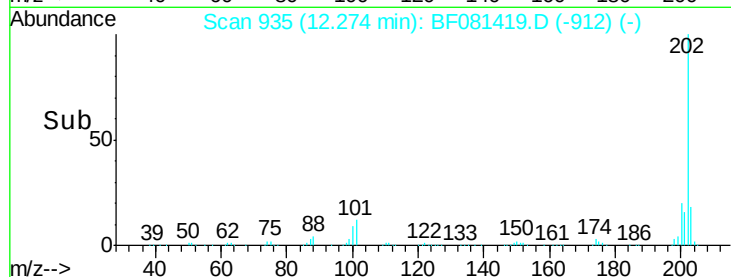
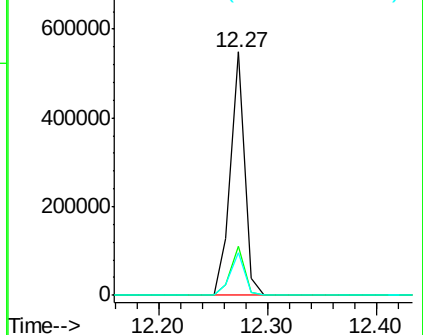
#77
 Pvrene
 Concen: 45.21 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.0	22.4
203	17.7	14.1	21.1

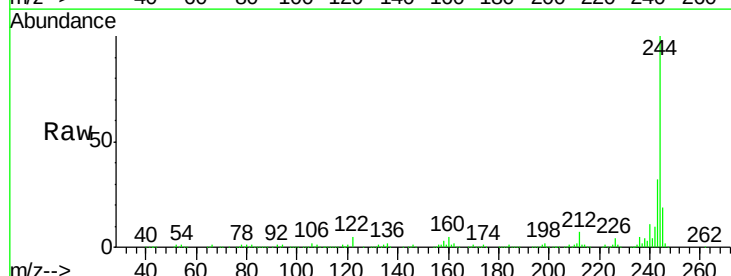


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

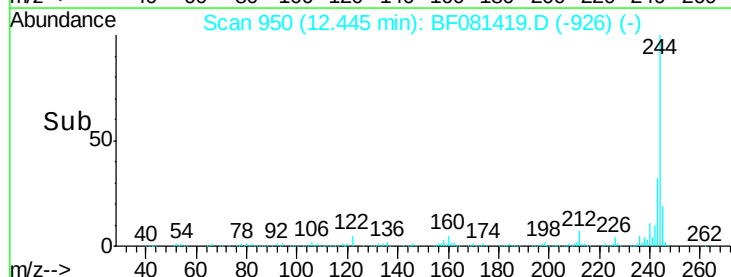
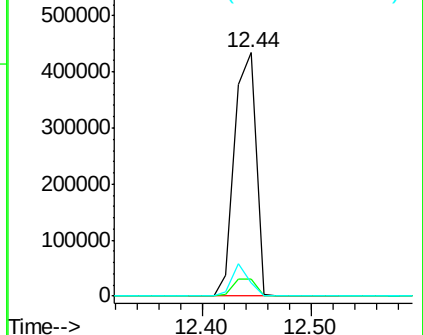


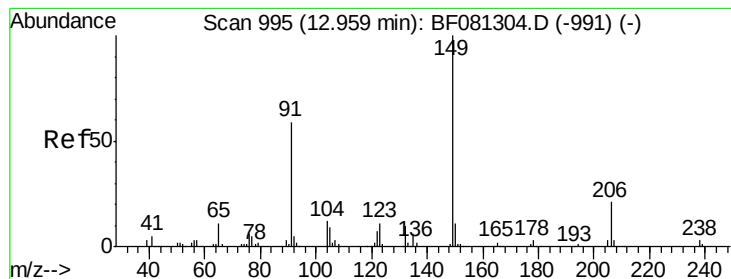
#78
 Terphenyl-d14
 Concen: 92.90 ng
 RT: 12.44 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	5.2	17.4	26.2#



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





#79

Butylbenzylphthalate

Concen: 45.49 ng

RT: 12.93 min Scan# 992

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

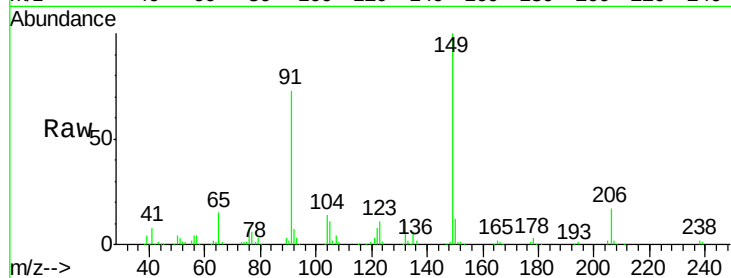
Tot Ion:149 Resp: 215785

Ion Ratio Lower Upper

149 100

91 73.4 48.6 72.8#

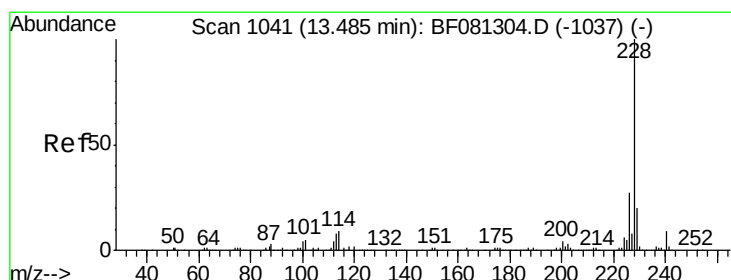
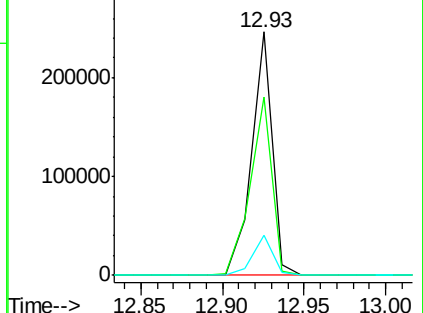
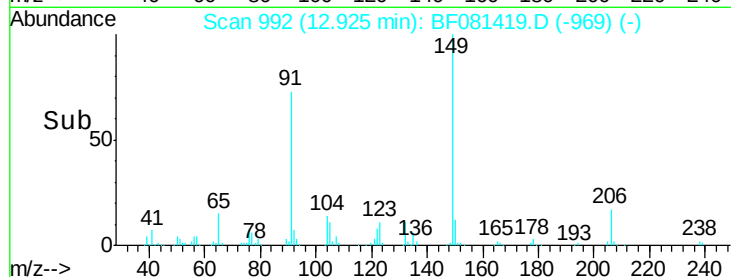
206 16.7 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.04 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

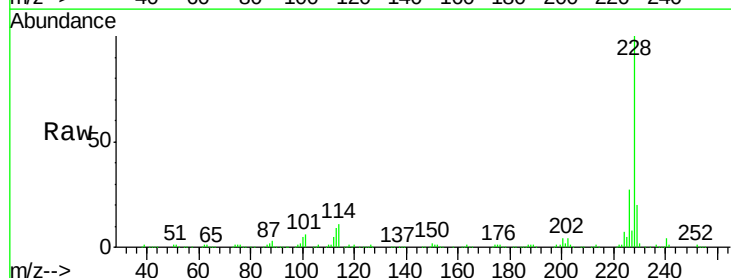
Tgt Ion:228 Resp: 366027

Ion Ratio Lower Upper

228 100

226 27.2 20.0 30.0

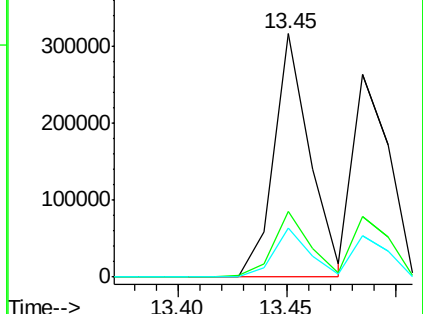
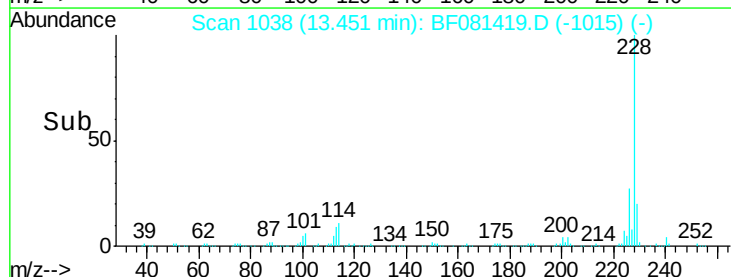
229 20.1 15.4 23.2

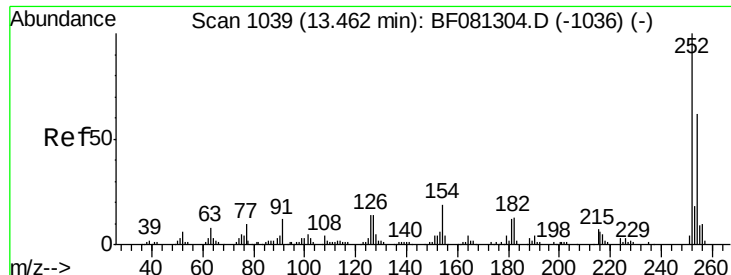


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

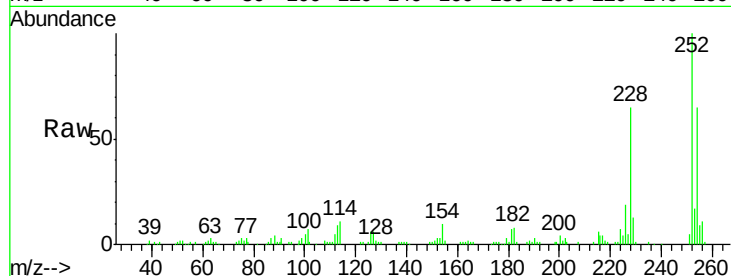




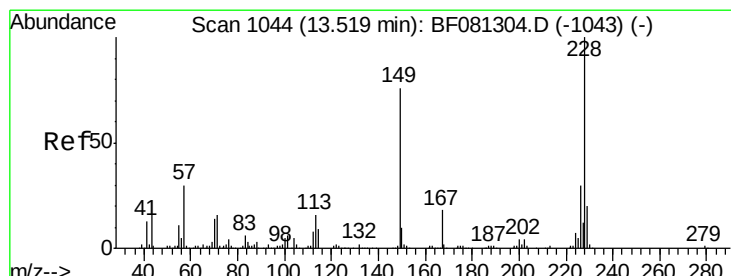
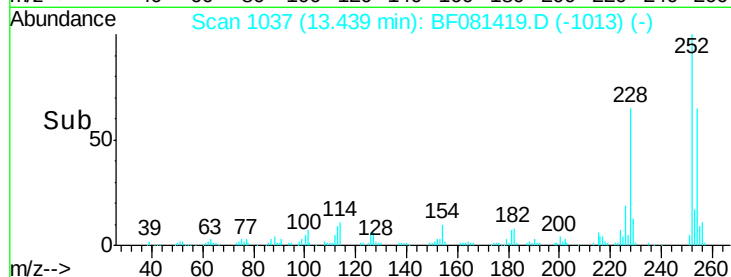
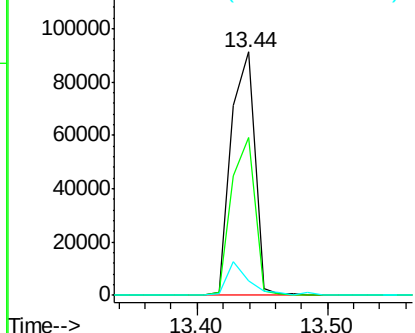
#81
 3,3'-Dichlorobenzidine
 Concen: 36.33 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 114896
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.4 77.2
 126 5.9 16.4 24.6#

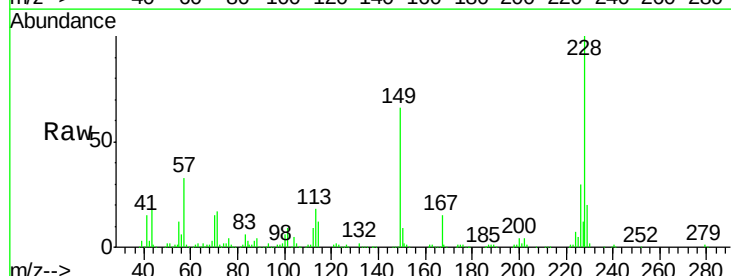


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

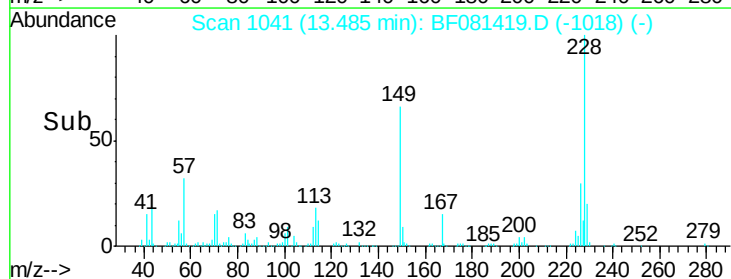
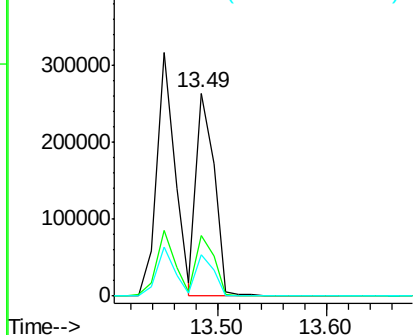


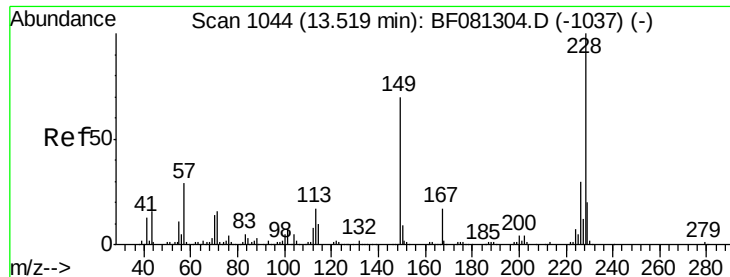
#82
 Chrysene
 Concen: 36.57 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:228 Resp: 307400
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.0 31.4
 229 20.2 15.6 23.4



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

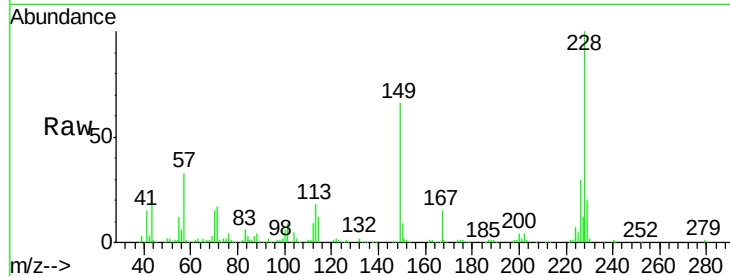




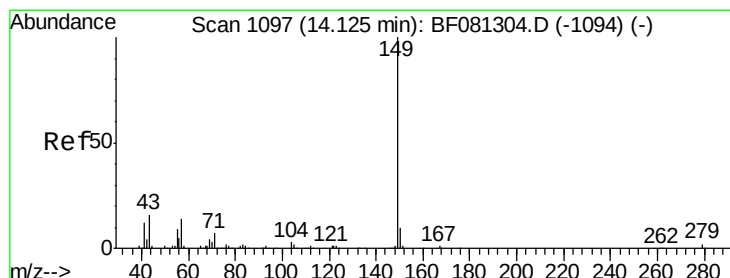
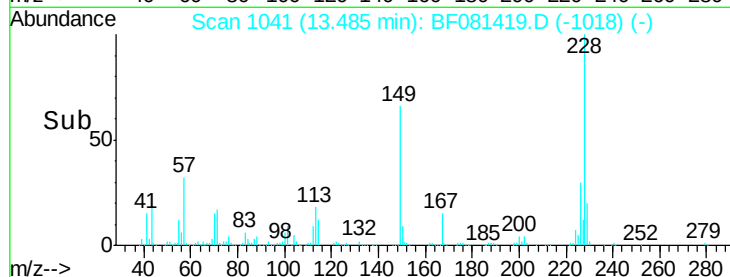
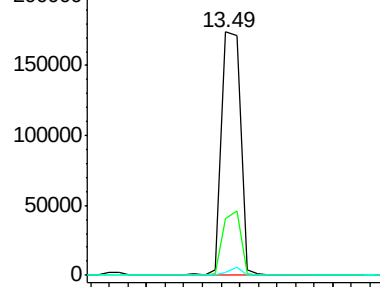
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.27 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 245823
 Ion Ratio Lower Upper
 149 100
 167 23.2 24.2 36.2#
 279 1.4 3.8 5.6#

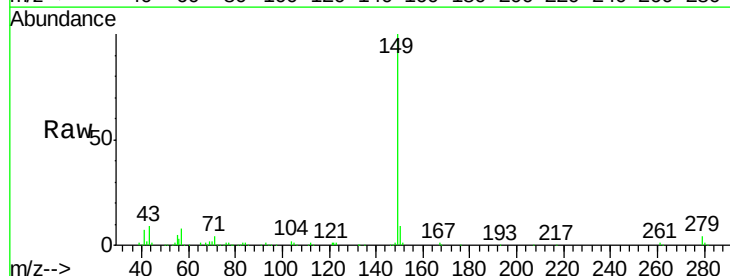


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

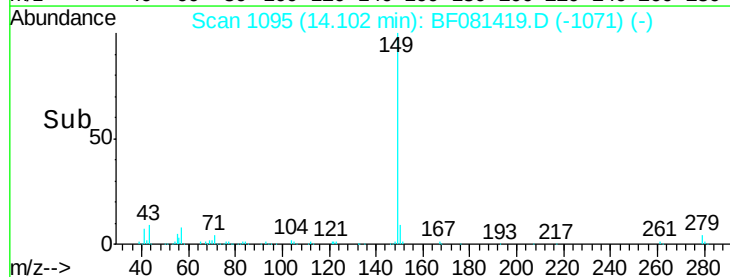
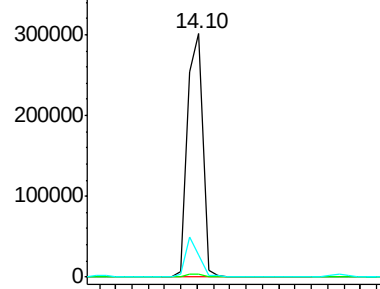


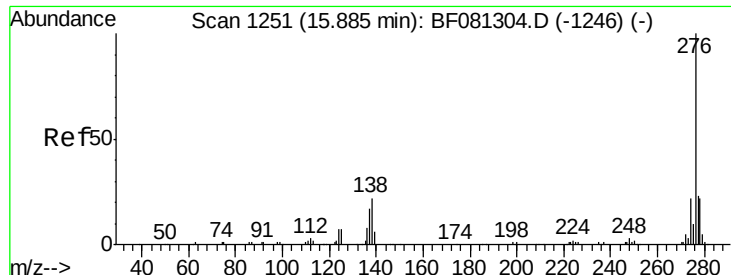
#84
 Di-n-octyl phthalate
 Concen: 38.46 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:149 Resp: 396427
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

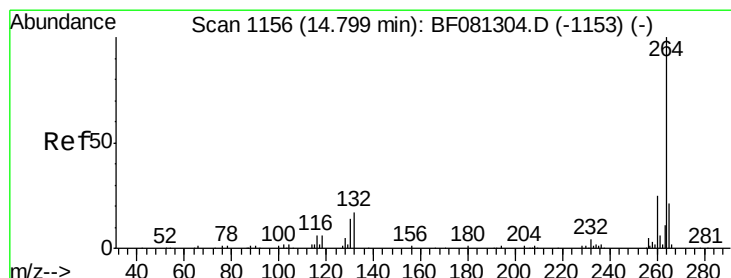
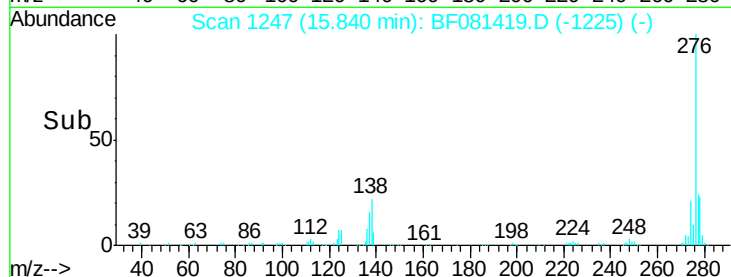
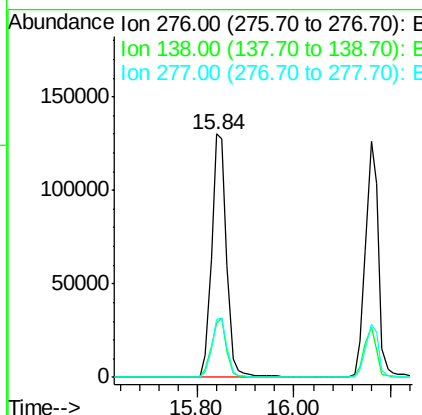
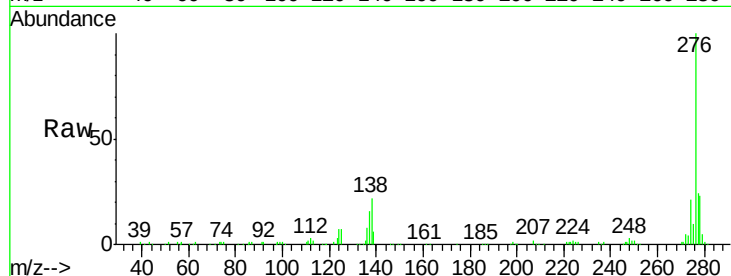




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.41 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

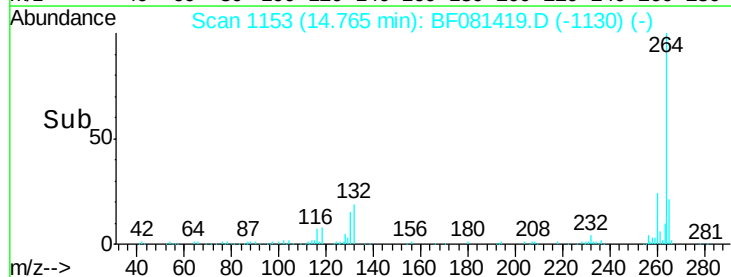
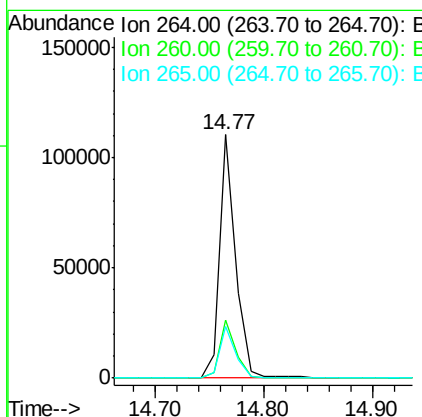
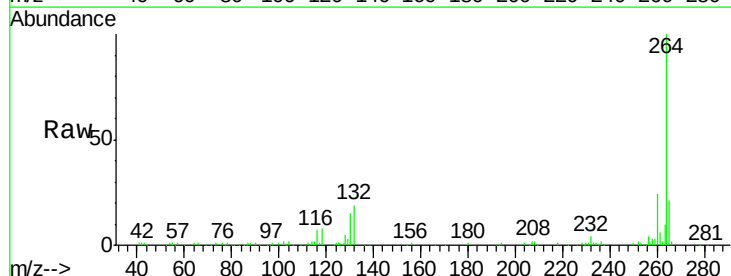
Instrument :
 BNA_F
 ClientSampleId :

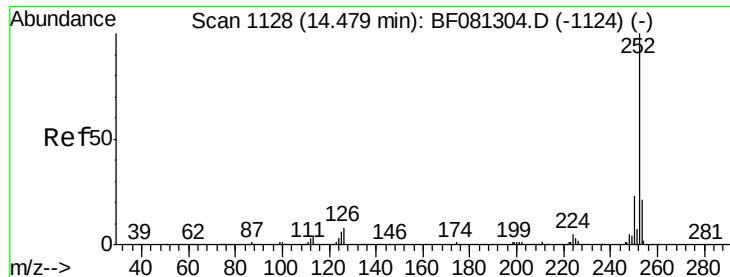
Tot Ion:276 Resp: 286218
 Ion Ratio Lower Upper
 276 100
 138 24.0 25.7 38.5#
 277 24.5 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Tgt Ion:264 Resp: 113544
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.3 17.2 25.8

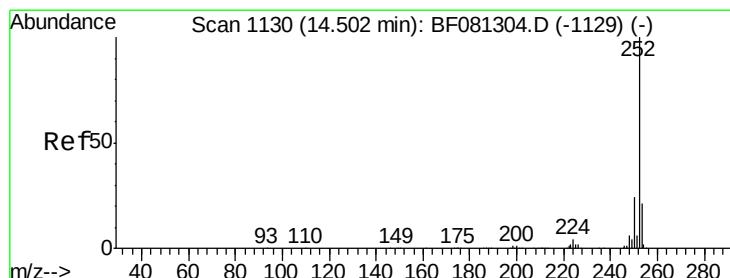
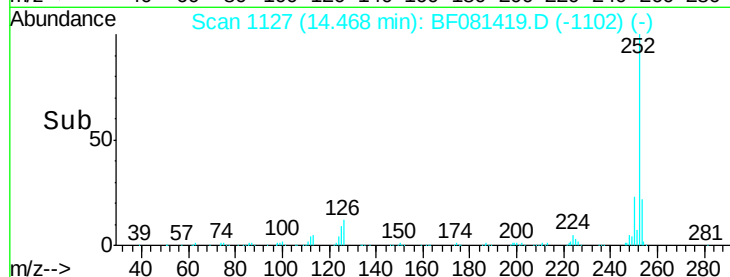
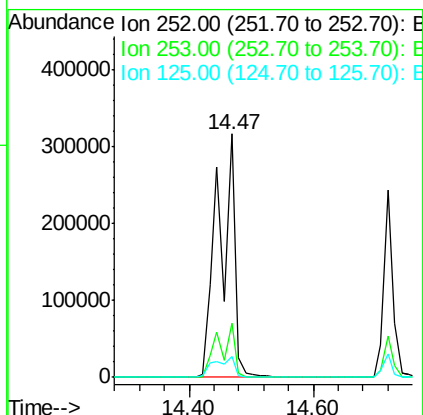
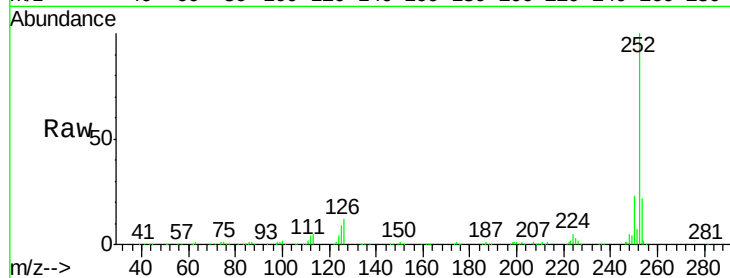




#87
Benzo(b)fluoranthene
Concen: 72.49 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

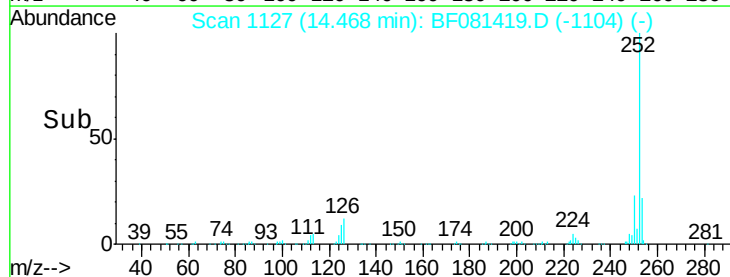
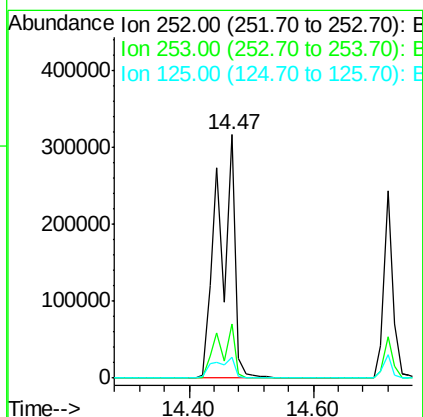
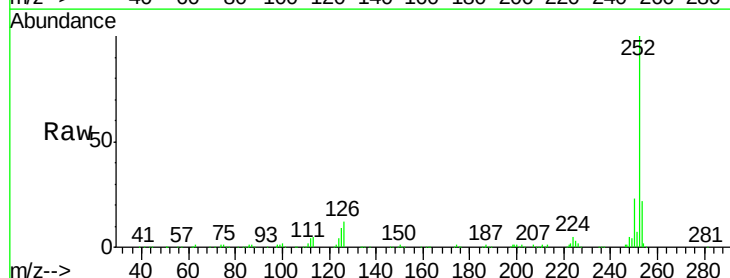
Instrument :
BNA_F
ClientSampleId :

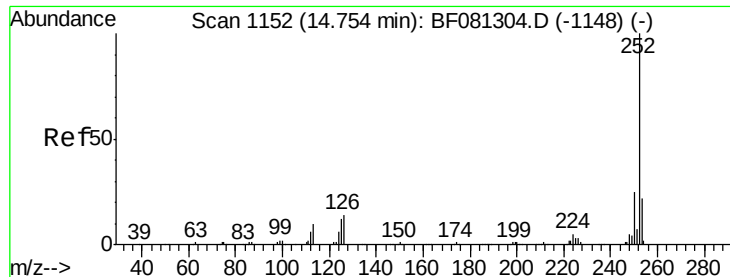
Tot Ion:252 Resp: 587595
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 87.36 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF081419.D
Acq: 4 Sep 2015 15:00

Tgt Ion:252 Resp: 587595
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 8.5 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 37.60 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

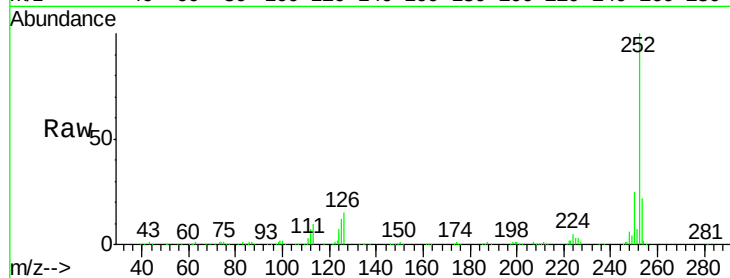
Tot Ion:252 Resp: 258305

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

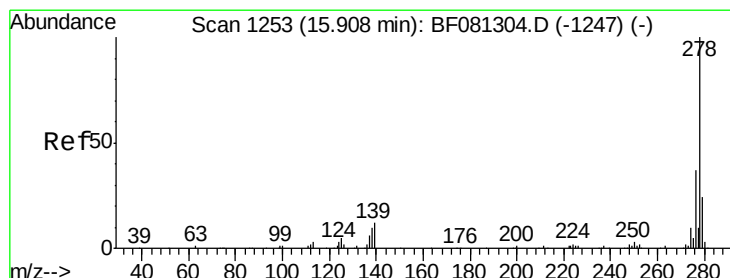
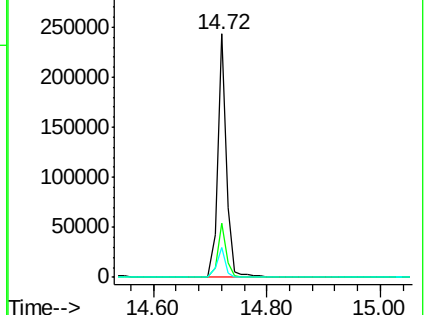
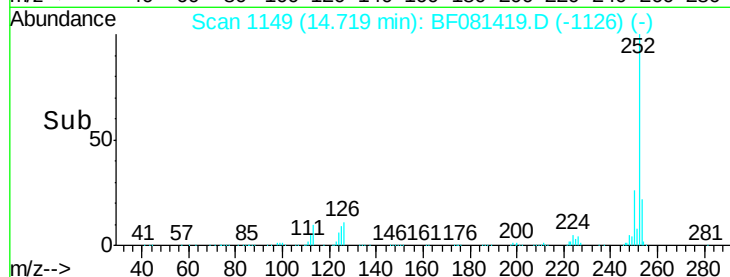
125 12.2 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.59 ng

RT: 15.86 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BF081419.D

Acq: 4 Sep 2015 15:00

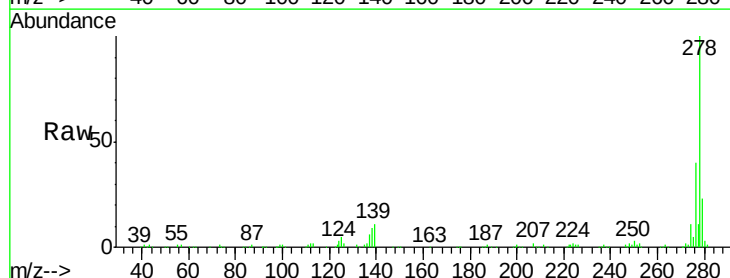
Tgt Ion:278 Resp: 241983

Ion Ratio Lower Upper

278 100

139 11.4 26.3 39.5#

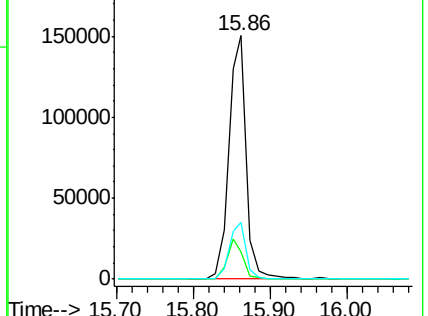
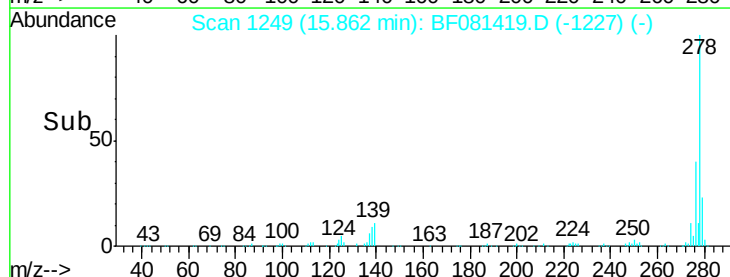
279 23.5 18.2 27.4

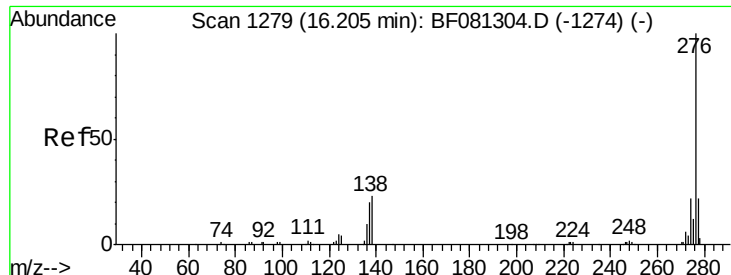


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 47.58 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. -0.05 min
 Lab File: BF081419.D
 Acq: 4 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.8	26.6
138	21.3	34.6	51.8

