

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082815\
 Data File : BF081247.D
 Acq On : 27 Aug 2015 15:15
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 22:48:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	49515	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	205800	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	94375	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	199947	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	148085	20.00	ng	-0.04
86) Perylene-d12	14.94	264	113225	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.05	112	270724	82.24	ng	-0.05
7) Phenol-d6	6.16	99	351616	81.86	ng	-0.04
23) Nitrobenzene-d5	7.09	82	374623	83.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.32	330	64541	78.89	ng	-0.04
44) 2-Fluorobiphenyl	8.88	172	604982	83.99	ng	-0.02
78) Terphenyl-d14	12.58	244	550619	79.71	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.87	88	63263	40.78	ng	# 91
3) Pyridine	2.47	79	189424	43.26	ng	# 81
4) n-Nitrosodimethylamine	2.43	42	103841	42.60	ng	# 75
6) Aniline	6.17	93	257500	41.23	ng	# 32
8) 2-Chlorophenol	6.29	128	151511	42.05	ng	97
9) Benzaldehyde	6.05	77	117526	42.44	ng	93
10) Phenol	6.17	94	209704	41.34	ng	97
11) bis(2-Chloroethyl)ether	6.25	93	145966	37.50	ng	88
12) 1,3-Dichlorobenzene	6.45	146	167383	43.23	ng	96
13) 1,4-Dichlorobenzene	6.53	146	167898	43.79	ng	99
14) 1,2-Dichlorobenzene	6.67	146	136811	38.13	ng	97
15) Benzyl Alcohol	6.66	79	133110	38.30	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.81	45	321037	41.97	ng	97
17) 2-Methylphenol	6.79	107	130087	42.08	ng	95
18) Hexachloroethane	7.02	117	65894	42.54	ng	99
19) n-Nitroso-di-n-propylamine	6.95	70	136616	45.92	ng	86
20) 3+4-Methylphenols	6.95	107	171053	43.59	ng	# 44
22) Acetophenone	6.94	105	223902	41.44	ng	# 83
24) Nitrobenzene	7.10	77	167500	35.56	ng	94
25) Isophorone	7.35	82	354258	42.17	ng	97
26) 2-Nitrophenol	7.42	139	85085	43.43	ng	# 79
27) 2,4-Dimethylphenol	7.47	122	149559	43.16	ng	92
28) bis(2-Chloroethoxy)methane	7.57	93	199888	40.27	ng	100
29) 2,4-Dichlorophenol	7.66	162	111688	38.28	ng	# 84
30) 1,2,4-Trichlorobenzene	7.74	180	121551	37.48	ng	97
31) Naphthalene	7.82	128	471675	41.12	ng	99
32) Benzoic acid	7.61	122	97658	50.10	ng	91
33) 4-Chloroaniline	7.87	127	180643	37.32	ng	96
34) Hexachlorobutadiene	7.94	225	80494	43.90	ng	97
35) Caprolactam	8.26	113	38925	38.17	ng	# 87
36) 4-Chloro-3-methylphenol	8.37	107	135131	38.86	ng	95
37) 2-Methylnaphthalene	8.50	142	274507	37.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	130548	42.87	ng	98
40) Hexachlorocyclopentadiene	8.66	237	61418	38.97	ng	97

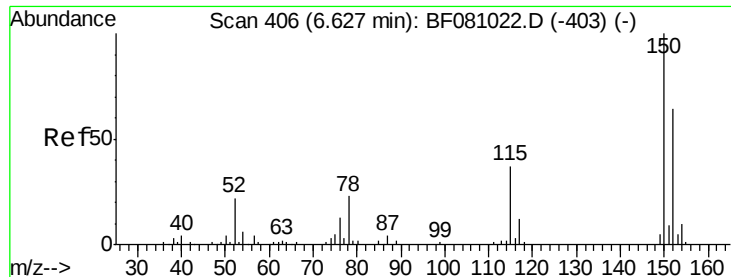
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082815\
 Data File : BF081247.D
 Acq On : 27 Aug 2015 15:15
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 22:48:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	86926	40.41	nq	100
43) 2,4,5-Trichlorophenol	8.83	196	89957	41.84	nq	93
45) 1,1'-Biphenyl	8.97	154	343341	41.30	nq	96
46) 2-Chloronaphthalene	8.99	162	282610	42.32	nq	99
47) 2-Nitroaniline	9.10	65	129984	47.56	nq	# 85
48) Acenaphthylene	9.39	152	435668	36.47	nq	97
49) Dimethylphthalate	9.29	163	338649	43.57	nq	99
50) 2,6-Dinitrotoluene	9.34	165	66400	39.79	nq	# 58
51) Acenaphthene	9.57	154	257224	35.97	nq	99
52) 3-Nitroaniline	9.51	138	96118	46.03	nq	89
53) 2,4-Dinitrophenol	9.61	184	34054	41.75	nq	# 76
54) Dibenzofuran	9.74	168	343443	35.84	nq	91
55) 4-Nitrophenol	9.68	139	63683	43.42	nq	# 74
56) 2,4-Dinitrotoluene	9.74	165	79472	35.93	nq	# 51
57) Fluorene	10.08	166	288980	39.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	70760	42.52	nq	95
59) Diethylphthalate	9.98	149	331682	40.32	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	124713	39.98	nq	99
61) 4-Nitroaniline	10.11	138	80903	37.91	nq	95
62) Azobenzene	10.24	77	421410	44.45	nq	96
64) 4,6-Dinitro-2-methylphenol	10.15	198	51581	43.20	nq	# 52
65) n-Nitrosodiphenylamine	10.21	169	299199	41.92	nq	98
66) 4-Bromophenyl-phenylether	10.56	248	71414	36.36	nq	# 58
67) Hexachlorobenzene	10.63	284	79072	39.75	nq	# 81
68) Atrazine	10.73	200	73820	37.12	nq	97
69) Pentachlorophenol	10.82	266	44620	37.38	nq	98
70) Phenanthrene	11.03	178	437883	36.95	nq	98
71) Anthracene	11.07	178	441122	38.26	nq	98
72) Carbazole	11.25	167	440258	39.66	nq	98
73) Di-n-butylphthalate	11.59	149	571555	42.55	nq	99
74) Fluoranthene	12.21	202	524645	41.03	nq	98
76) Benzidine	12.33	184	193716	34.63	nq	100
77) Pyrene	12.42	202	451308	37.49	nq	99
79) Butylbenzylphthalate	13.06	149	228730	44.20	nq	# 65
80) Benzo(a)anthracene	13.61	228	426672	42.96	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	133834	41.60	nq	# 94
82) Chrysene	13.65	228	389649	43.54	nq	99
83) Bis(2-ethylhexyl)phthalate	13.64	149	349008	52.66	nq	98
84) Di-n-octyl phthalate	14.24	149	539269	53.53	nq	99
85) Indeno(1,2,3-cd)pyrene	16.10	276	290397	46.21	nq	# 94
87) Benzo(b)fluoranthene	14.60	252	624679	78.00	nq	# 96
88) Benzo(k)fluoranthene	14.60	252	624679	83.71	nq	99
89) Benzo(a)pyrene	14.89	252	289791	41.53	nq	97
90) Dibenzo(a,h)anthracene	16.12	278	242071	44.52	nq	98
91) Benzo(g,h,i)perylene	16.45	276	237916	43.13	nq	# 94

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

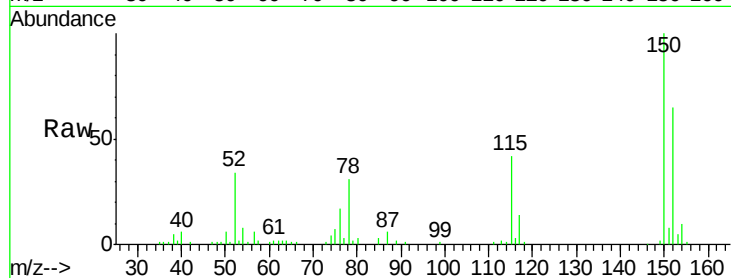


#1

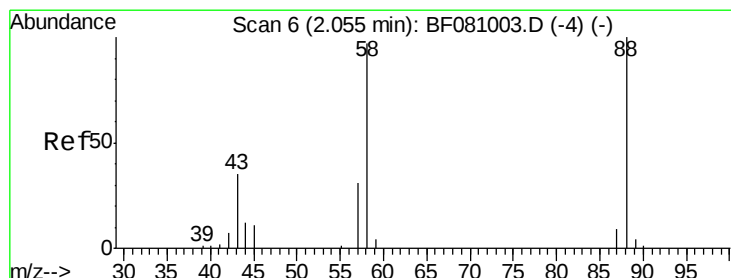
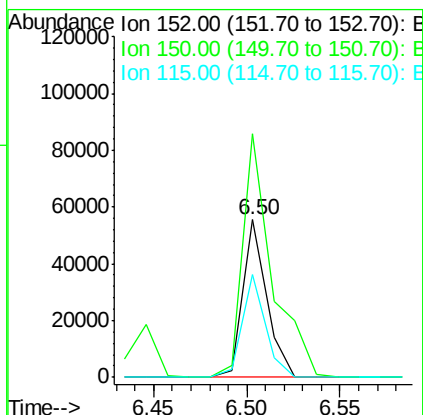
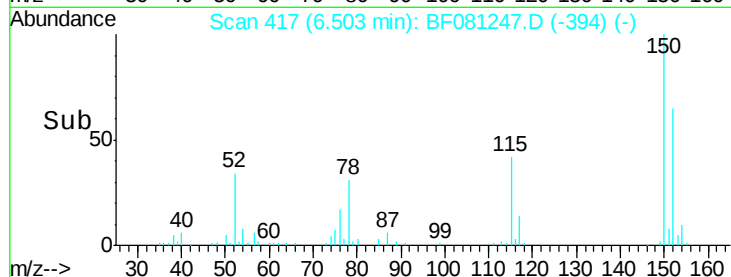
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 49515
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 65.4 52.1 78.1



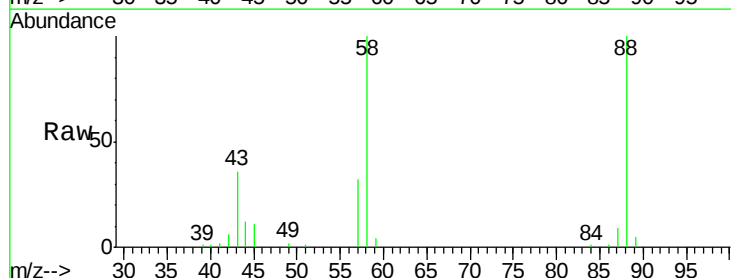
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



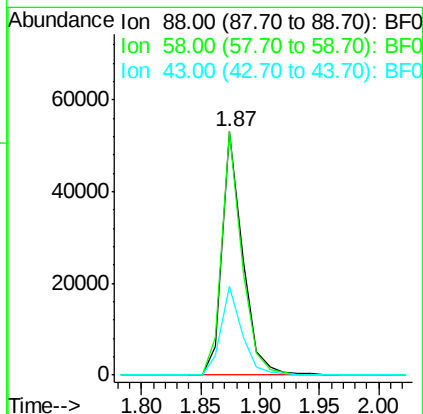
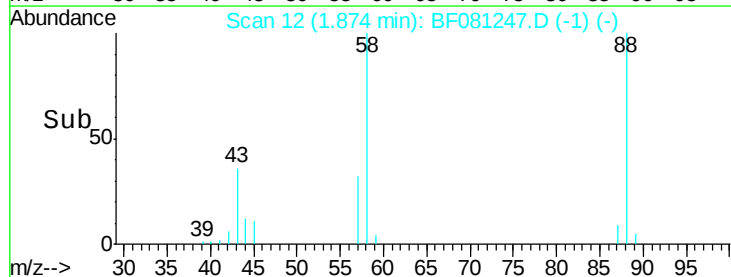
#2

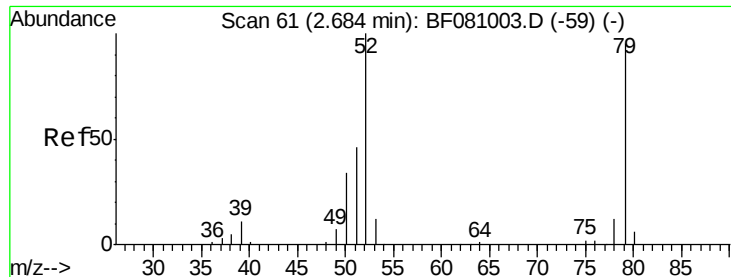
1,4-Dioxane
Concen: 40.78 ng
RT: 1.87 min Scan# 12
Delta R.T. -0.06 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion: 88 Resp: 63263
Ion Ratio Lower Upper
88 100
58 98.1 83.7 125.5
43 37.3 37.5 56.3#



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





#3

Pvridine

Concen: 43.26 ng

RT: 2.47 min Scan# 64

Delta R.T. -0.07 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampled :

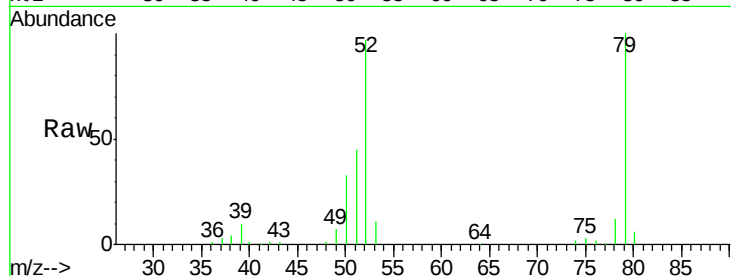
Tot Ion: 79 Resp: 189424

Ion Ratio Lower Upper

79 100

52 97.2 95.1 142.7

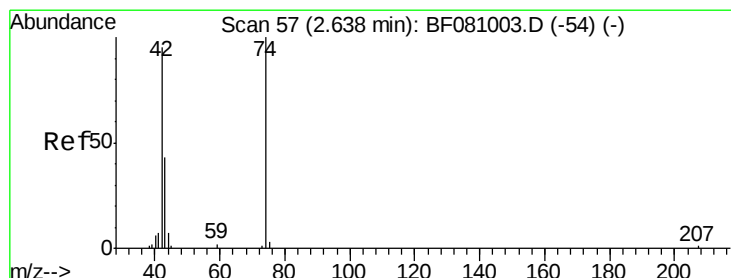
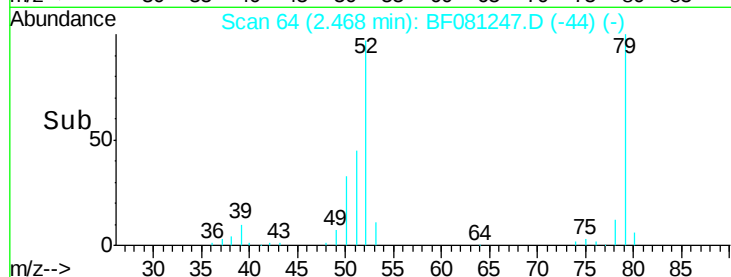
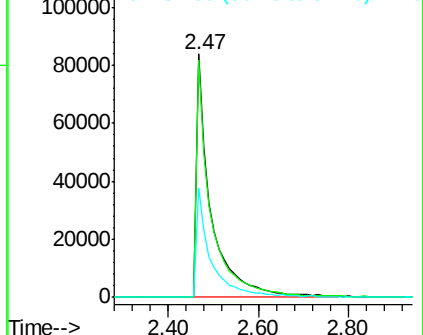
51 44.7 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.60 ng

RT: 2.43 min Scan# 61

Delta R.T. -0.07 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

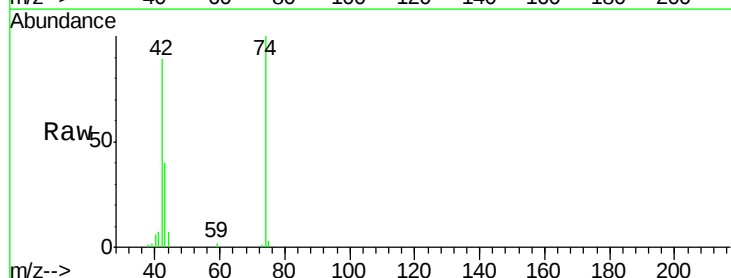
Tgt Ion: 42 Resp: 103841

Ion Ratio Lower Upper

42 100

74 111.7 69.3 103.9#

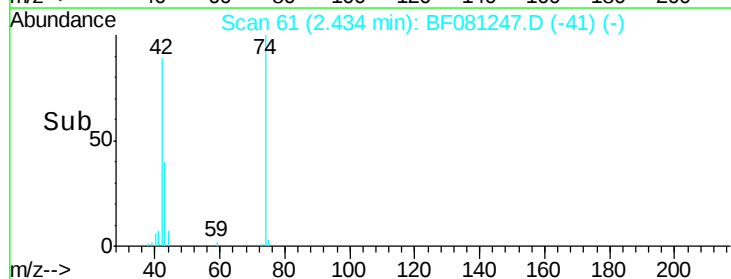
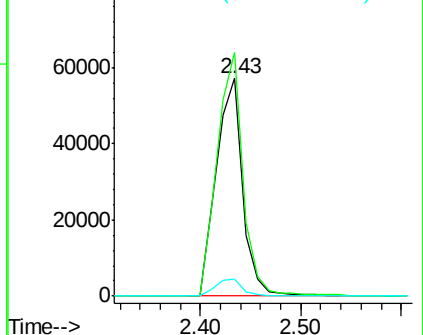
44 8.0 5.5 8.3

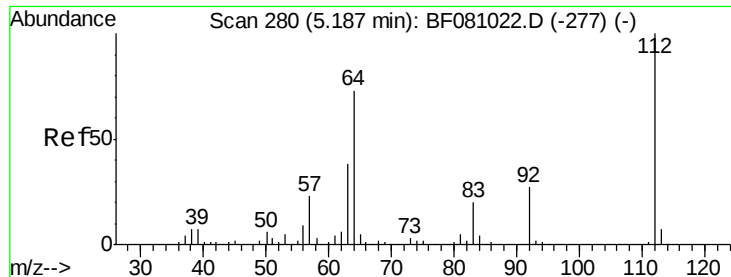


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.24 ng

RT: 5.05 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampled :

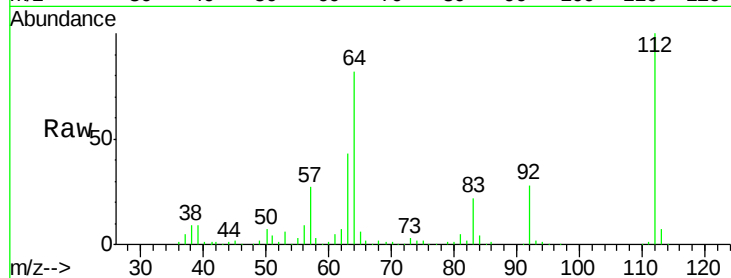
Tot Ion:112 Resp: 270724

Ion Ratio Lower Upper

112 100

64 82.1 66.9 100.3

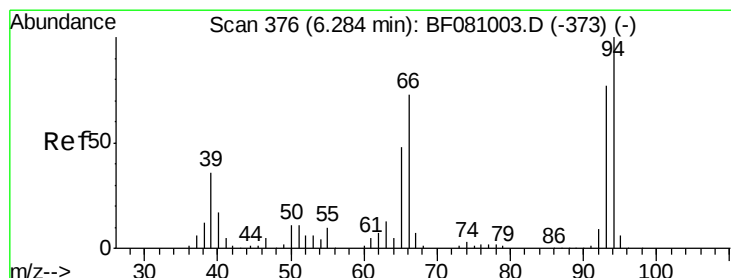
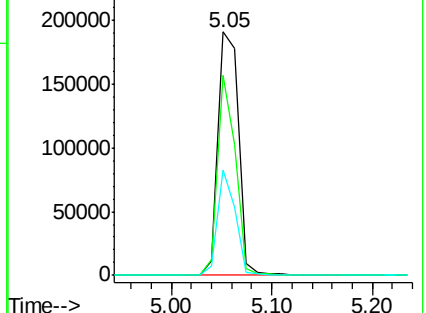
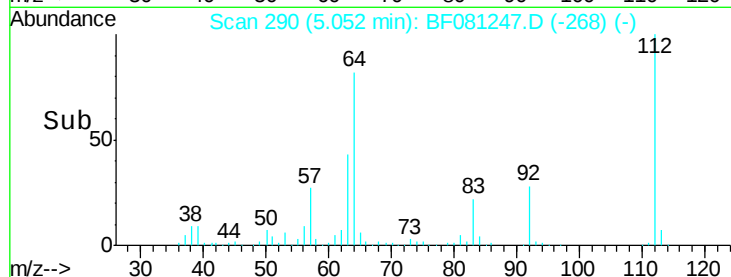
63 43.5 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.23 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

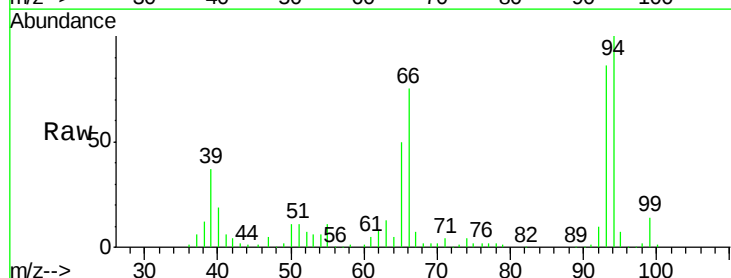
Tgt Ion: 93 Resp: 257500

Ion Ratio Lower Upper

93 100

66 88.1 35.6 53.4#

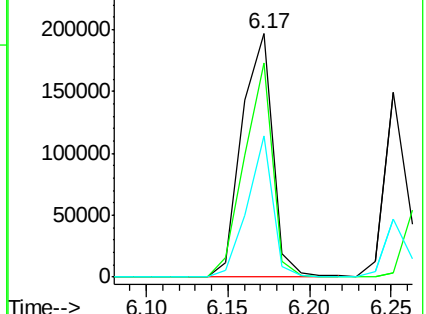
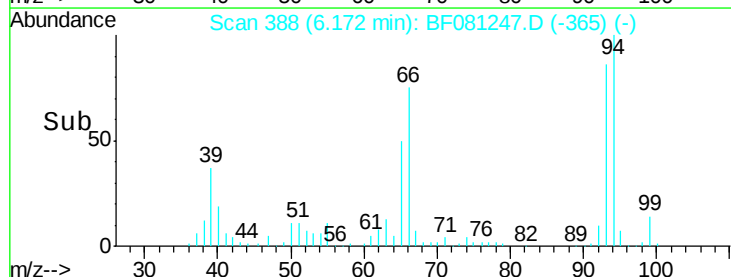
65 58.0 18.7 28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.86 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

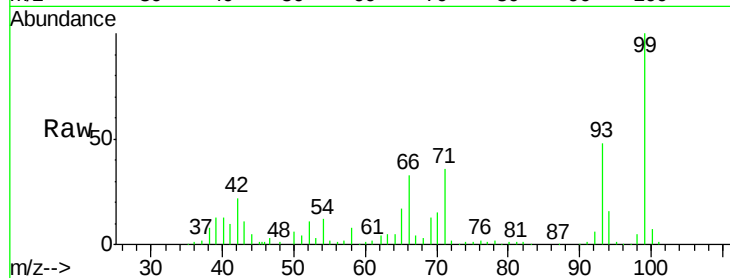
Tot Ion: 99 Resp: 351616

Ion Ratio Lower Upper

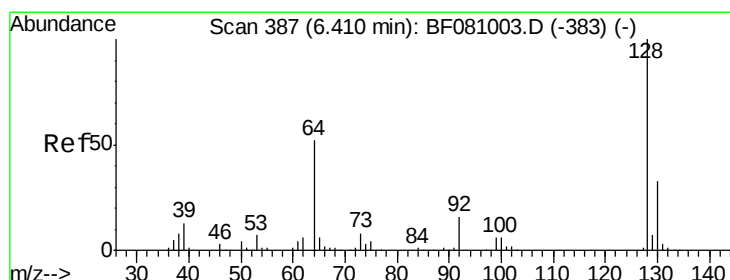
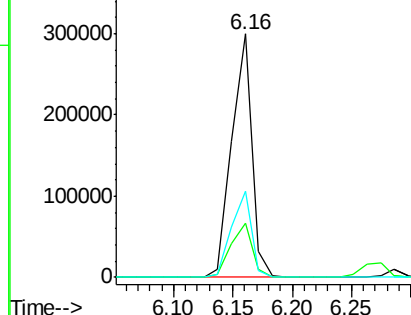
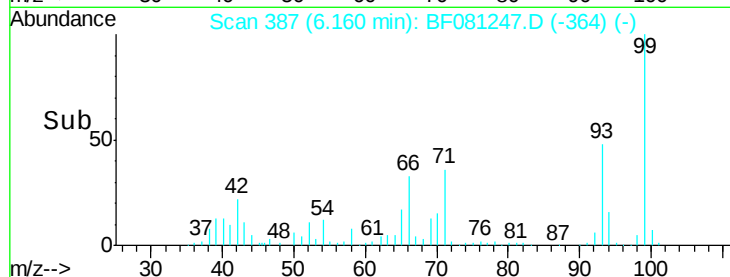
99 100

42 22.3 19.6 29.4

71 35.5 31.2 46.8



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



#8

2-Chlorophenol

Concen: 42.05 ng

RT: 6.29 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

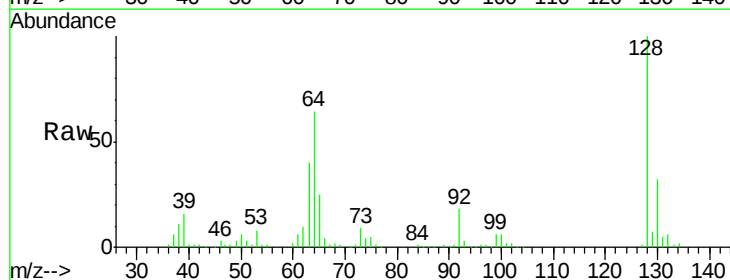
Tgt Ion: 128 Resp: 151511

Ion Ratio Lower Upper

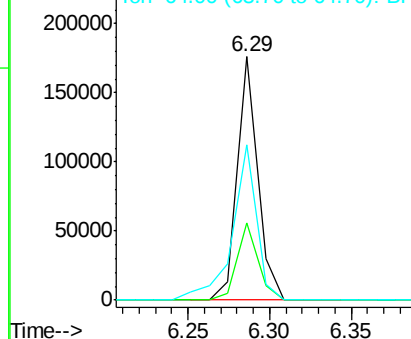
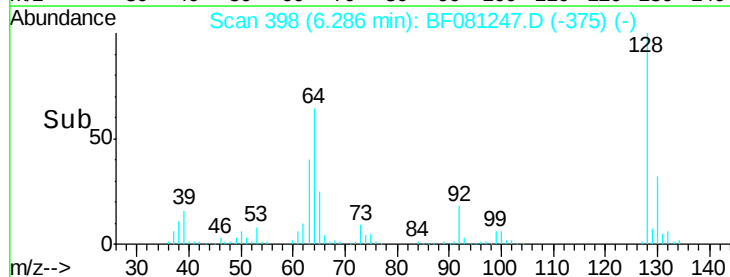
128 100

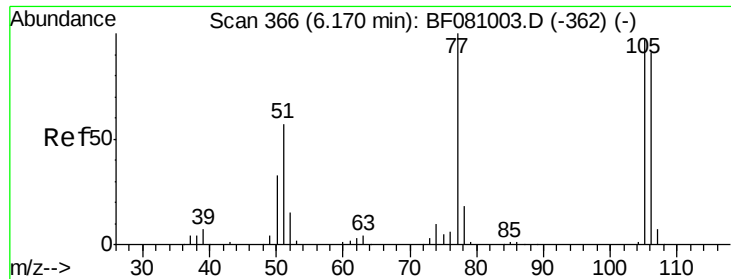
130 31.9 12.5 52.5

64 63.9 46.8 86.8



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





#9

Benzaldehyde

Concen: 42.44 ng

RT: 6.05 min Scan# 377

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

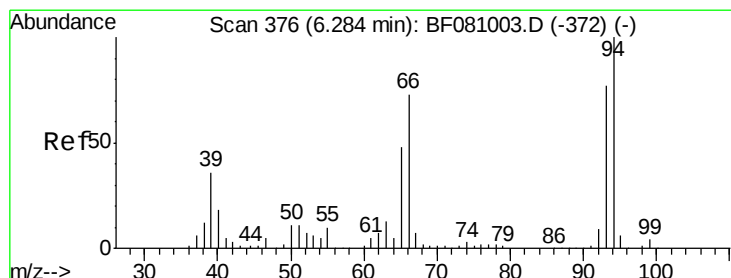
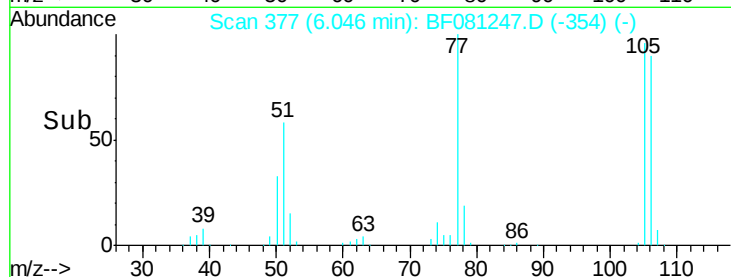
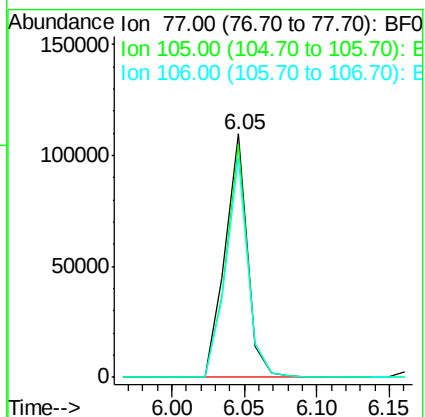
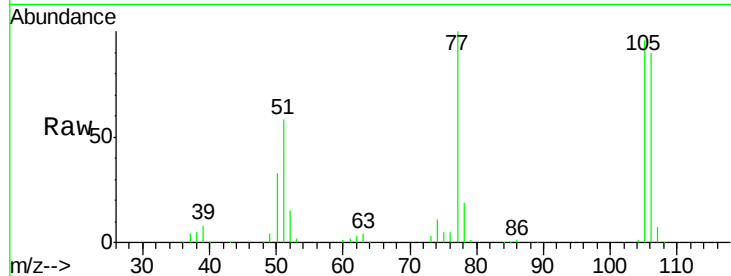
Tot Ion: 77 Resp: 117526

Ion Ratio Lower Upper

77 100

105 95.7 69.6 109.6

106 90.3 64.0 104.0



#10

Phenol

Concen: 41.34 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

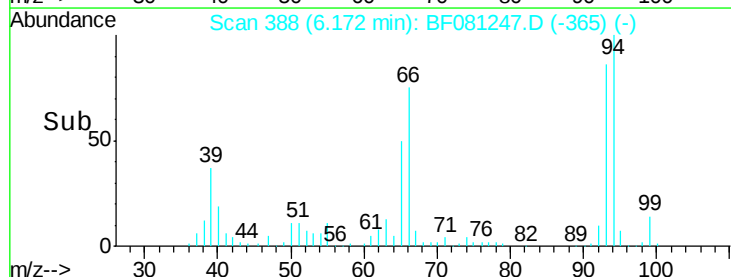
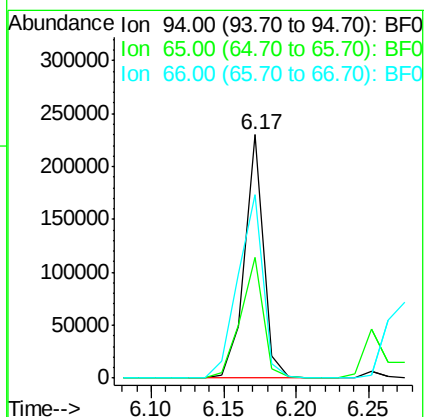
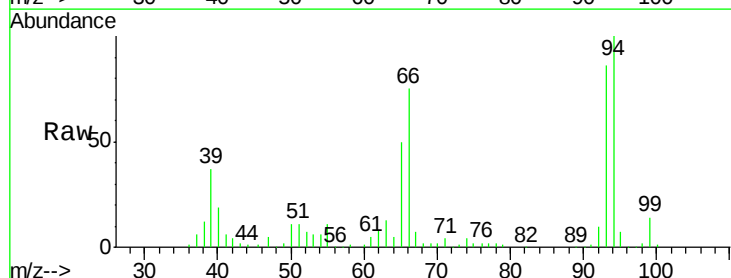
Tgt Ion: 94 Resp: 209704

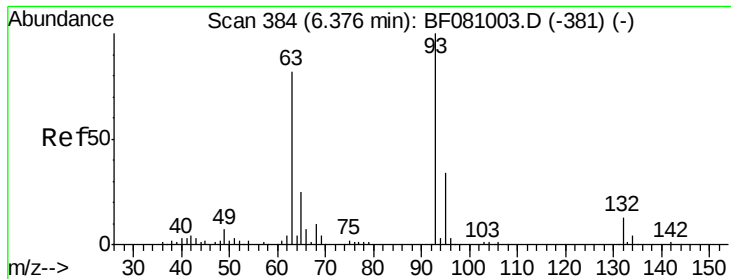
Ion Ratio Lower Upper

94 100

65 49.6 28.4 68.4

66 75.4 52.3 92.3

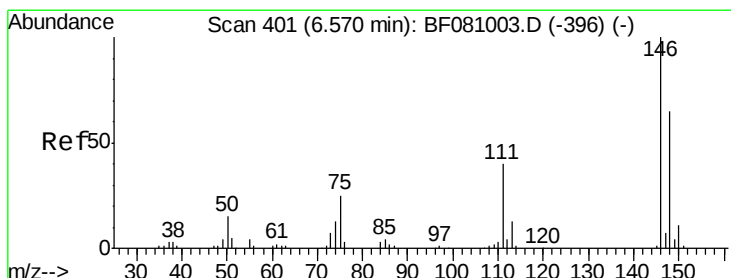
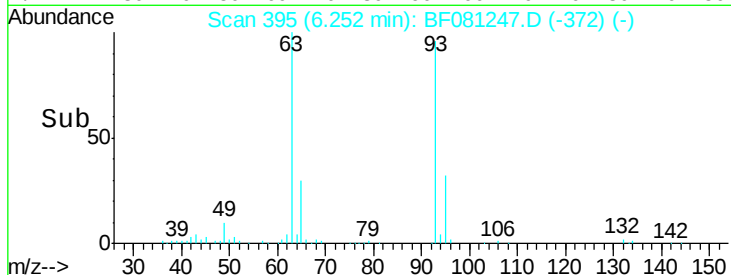
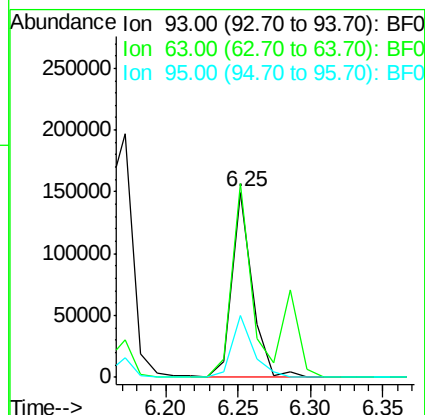
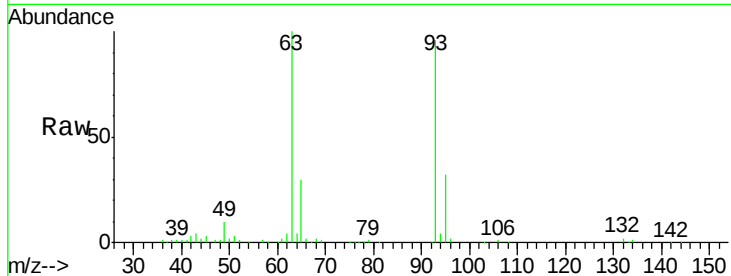




#11
 bis(2-Chloroethyl)ether
 Concen: 37.50 ng
 RT: 6.25 min Scan# 395
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

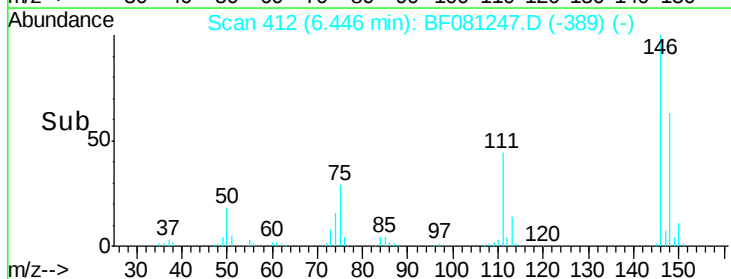
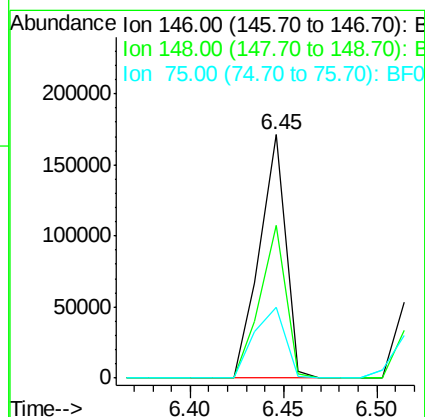
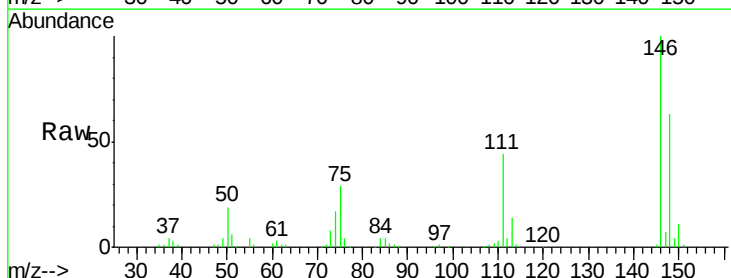
Instrument :
 BNA_F
 ClientSampleId :

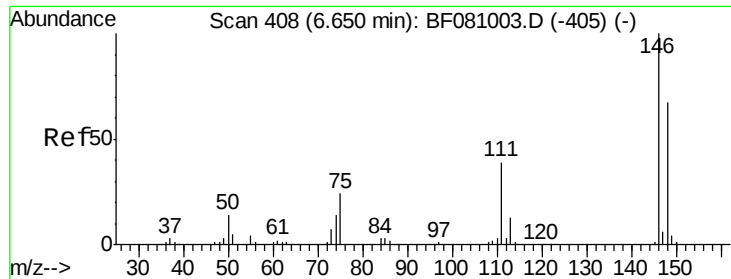
Tot Ion: 93 Resp: 145966
 Ion Ratio Lower Upper
 93 100
 63 104.3 69.6 109.6
 95 33.6 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 43.23 ng
 RT: 6.45 min Scan# 412
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion: 146 Resp: 167383
 Ion Ratio Lower Upper
 146 100
 148 62.9 53.3 79.9
 75 29.3 25.0 37.6

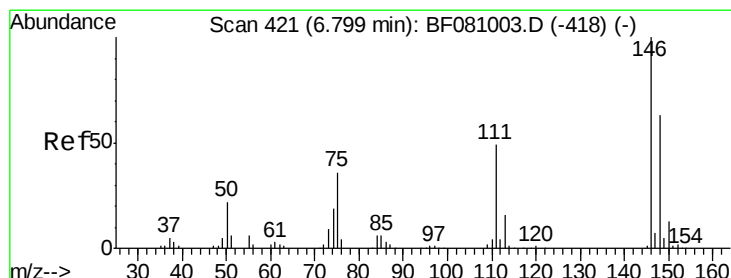
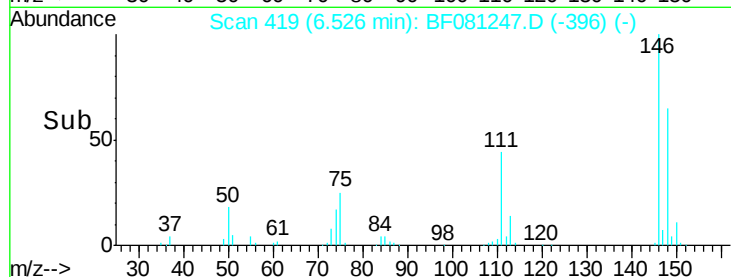
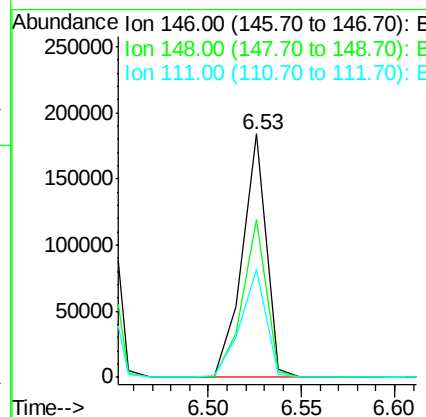
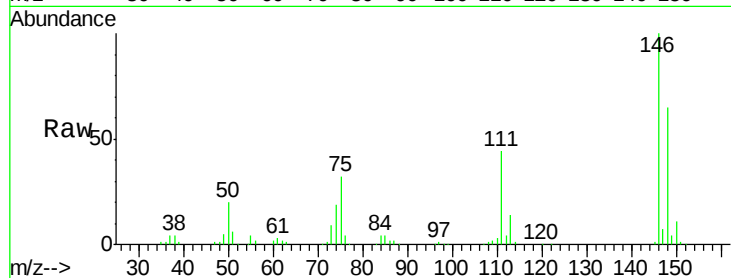




#13
 1,4-Dichlorobenzene
 Concen: 43.79 ng
 RT: 6.53 min Scan# 419
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

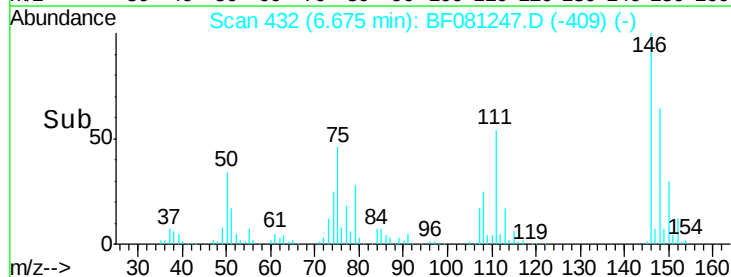
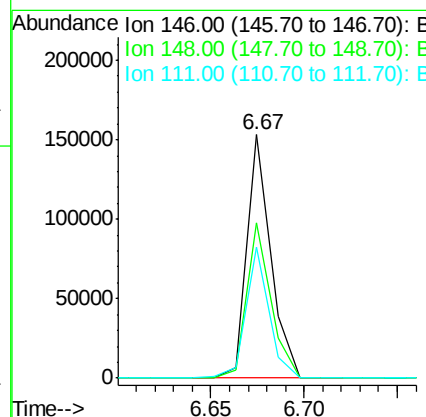
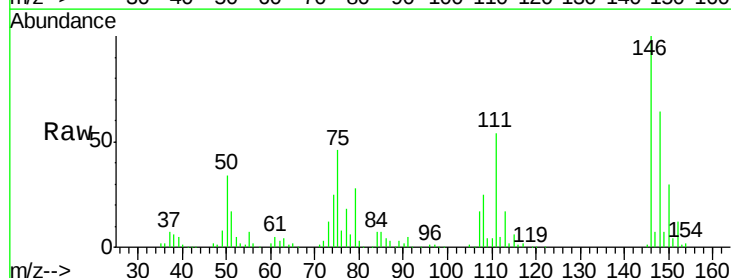
Instrument :
 BNA_F
 ClientSampleId :

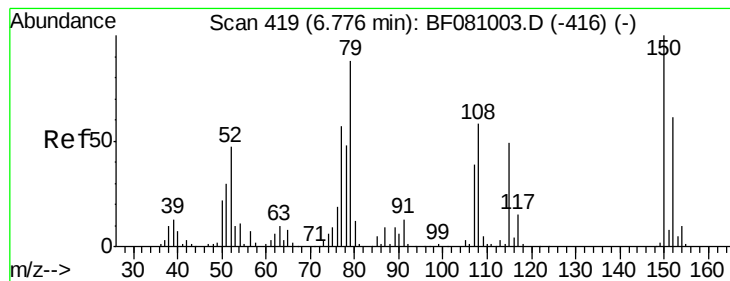
Tot Ion:146 Resp: 167898
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 44.4 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 38.13 ng
 RT: 6.67 min Scan# 432
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion:146 Resp: 136811
 Ion Ratio Lower Upper
 146 100
 148 63.8 48.7 73.1
 111 53.7 42.3 63.5





#15

Benzyl Alcohol

Concen: 38.30 ng

RT: 6.66 min Scan# 431

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampled :

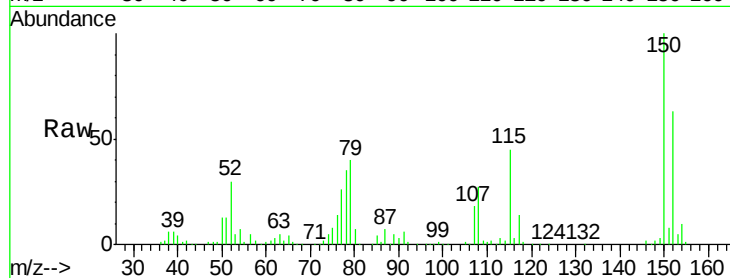
Tot Ion: 79 Resp: 133110

Ion Ratio Lower Upper

79 100

108 67.1 49.4 74.2

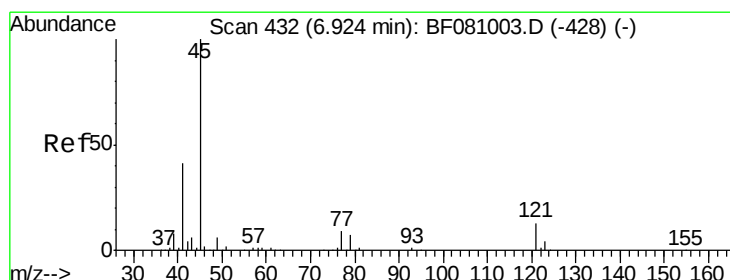
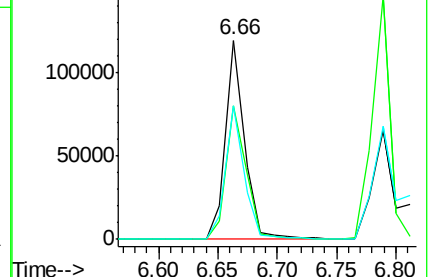
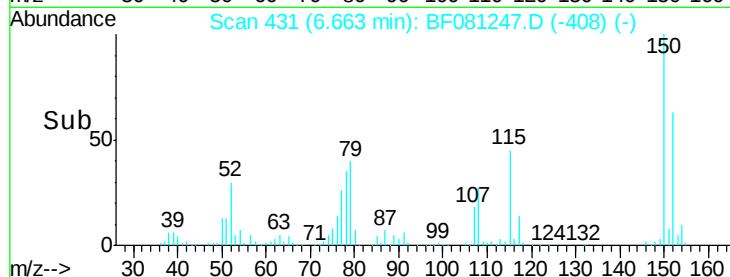
77 66.9 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.97 ng

RT: 6.81 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

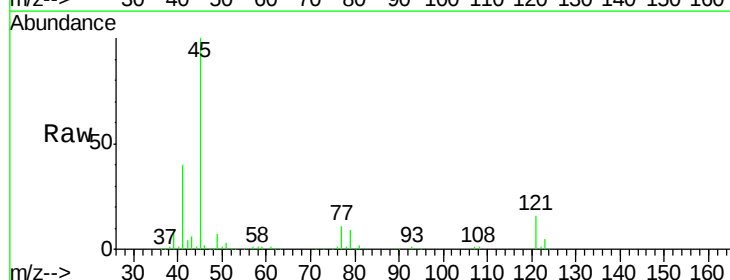
Tgt Ion: 45 Resp: 321037

Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.2

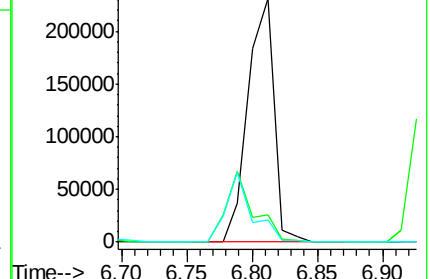
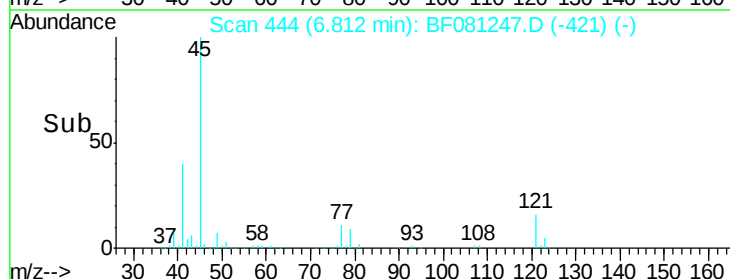
79 9.1 0.0 28.0

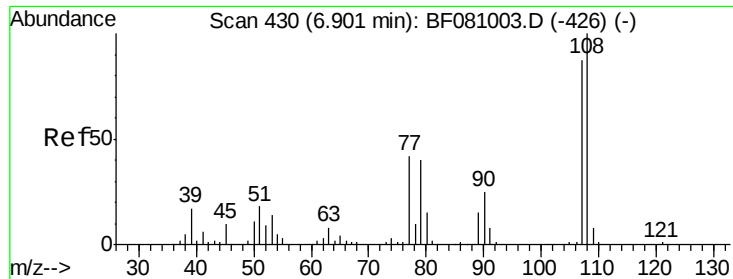


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

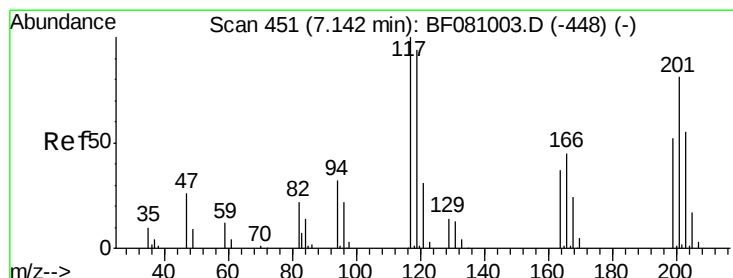
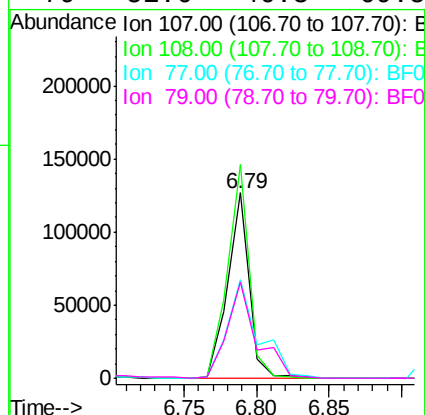
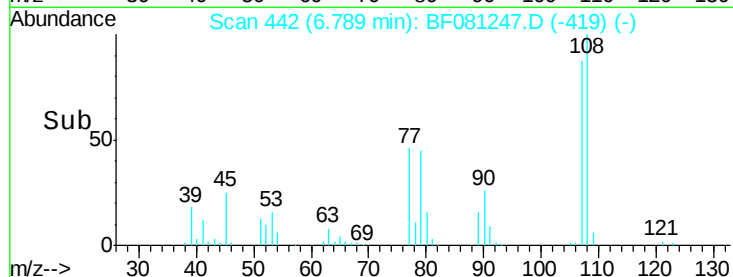
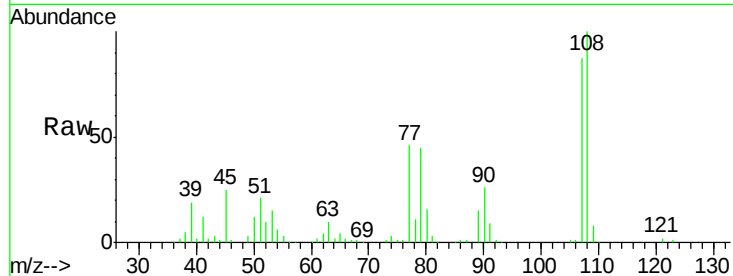




#17
2-Methylphenol
Concen: 42.08 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

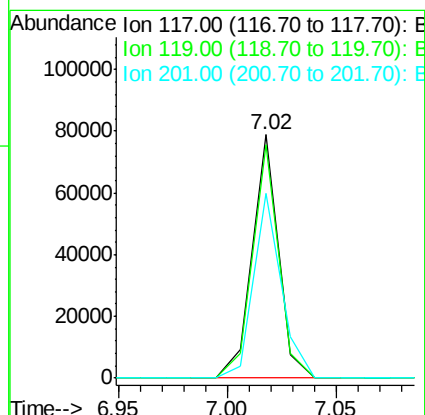
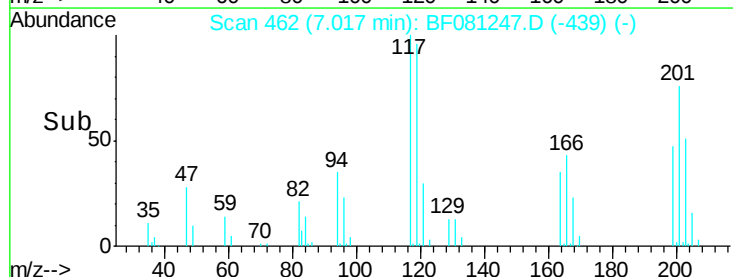
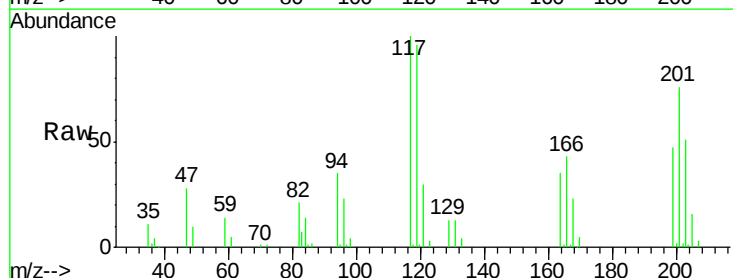
Instrument :
BNA_F
ClientSampleId :

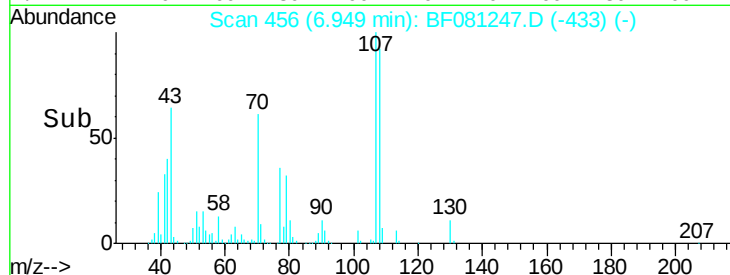
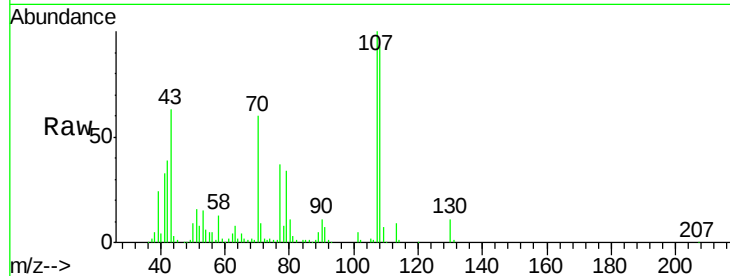
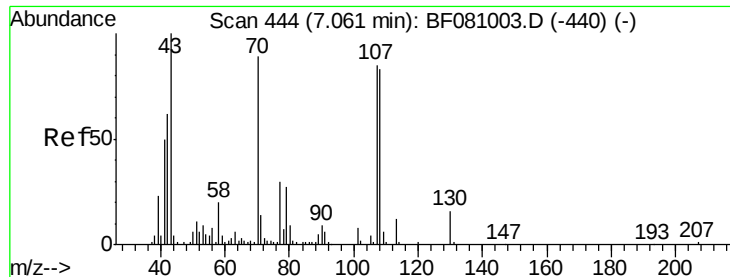
Tot Ion:	107	Resp:	130087
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.4	135.6
77	53.3	46.5	69.7
79	51.6	46.3	69.5



#18
Hexachloroethane
Concen: 42.54 ng
RT: 7.02 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion:	117	Resp:	65894
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.9	116.9
201	75.8	61.3	91.9

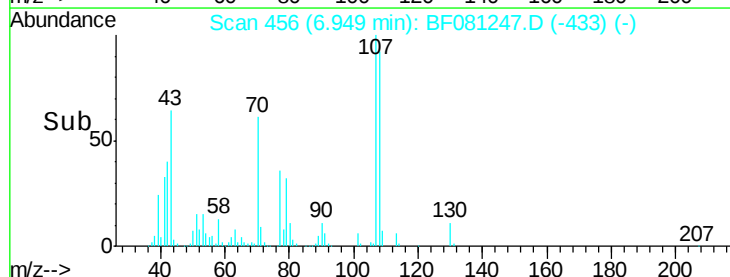
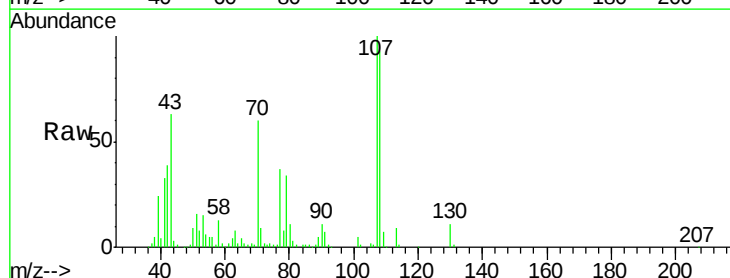
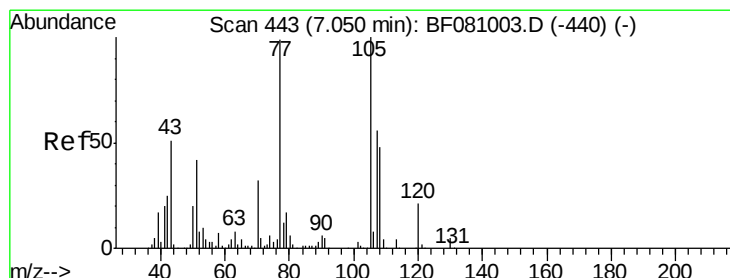
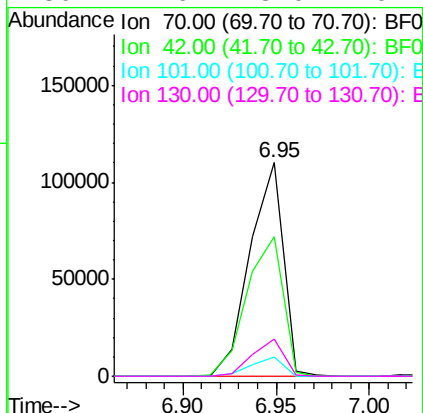




#19
n-Nitroso-di-n-propylamine
Concen: 45.92 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

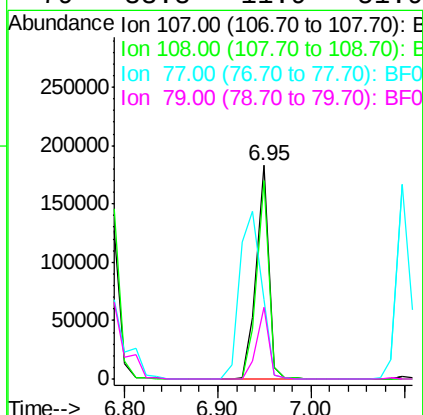
Instrument :
BNA_F
ClientSampleId :

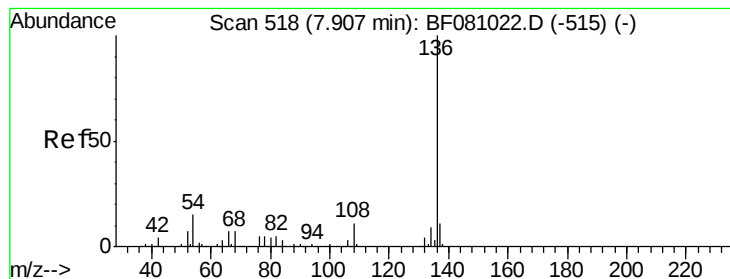
Tot Ion:	70	Resp:	136616
Ion	Ratio	Lower	Upper
70	100		
42	65.4	65.0	97.4
101	9.1	7.4	11.2
130	17.6	13.0	19.4



#20
3+4-Methylphenols
Concen: 43.59 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion:	107	Resp:	171053
Ion	Ratio	Lower	Upper
107	100		
108	92.9	66.1	106.1
77	37.4	139.3	179.3#
79	33.8	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 205800

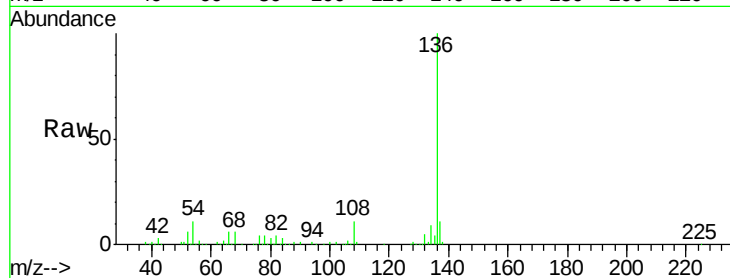
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 10.9 7.7 11.5

68 5.9 3.4 5.2#

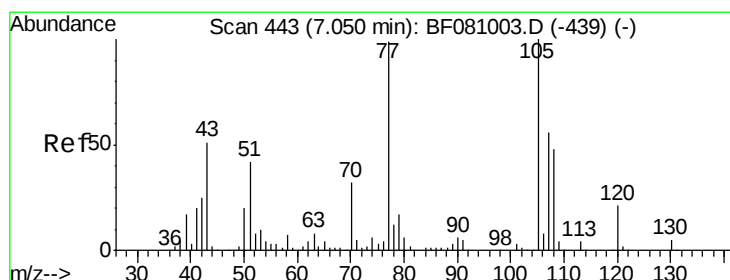
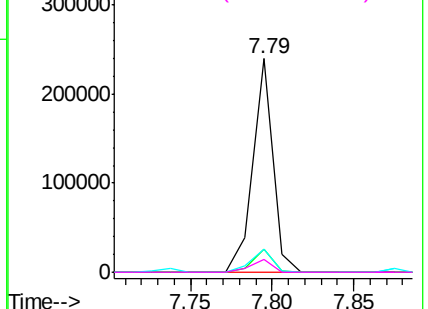
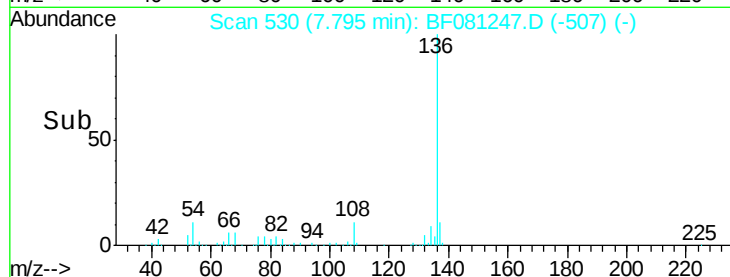


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.44 ng

RT: 6.94 min Scan# 455

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:105 Resp: 223902

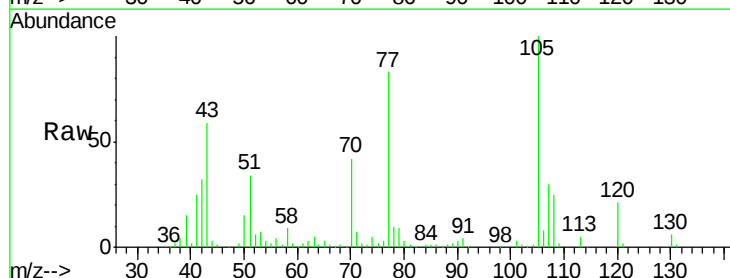
Ion Ratio Lower Upper

105 100

71 6.9 3.0 4.6#

51 34.1 39.8 59.8#

120 20.7 15.8 23.8

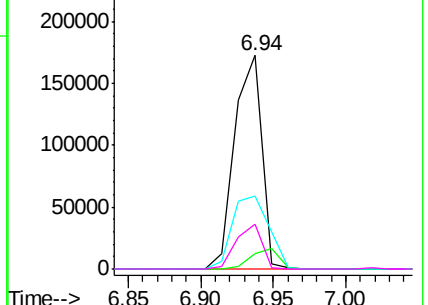
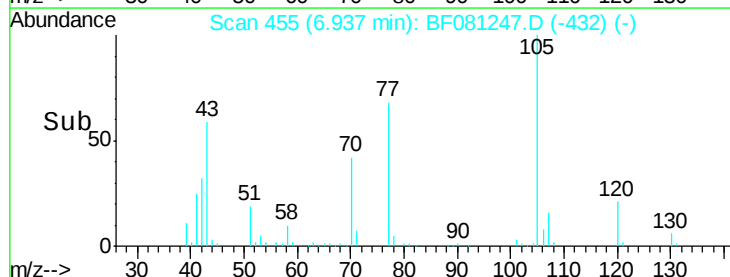


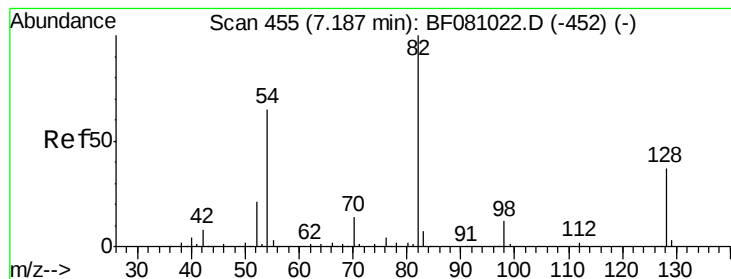
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.16 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

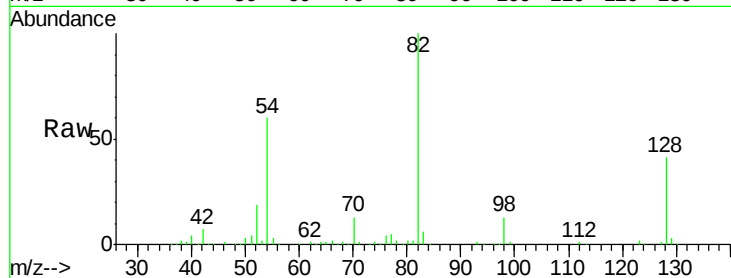
Tot Ion: 82 Resp: 374623

Ion Ratio Lower Upper

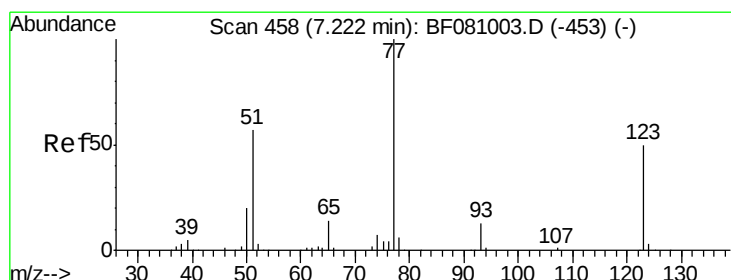
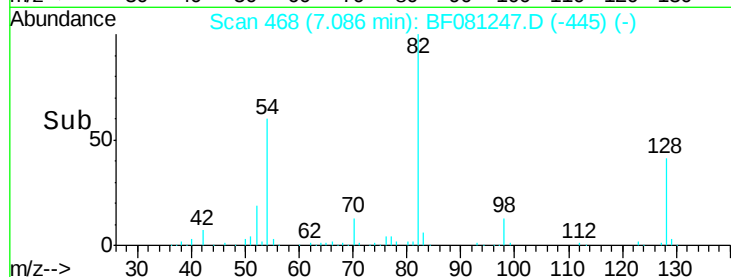
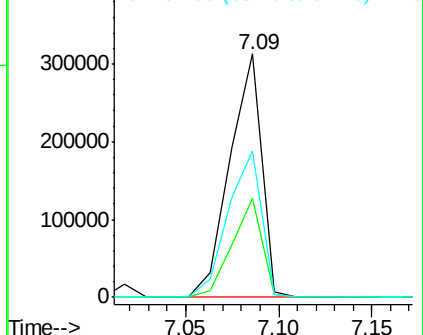
82 100

128 40.5 28.6 42.8

54 60.3 55.1 82.7



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



#24

Nitrobenzene

Concen: 35.56 ng

RT: 7.10 min Scan# 469

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

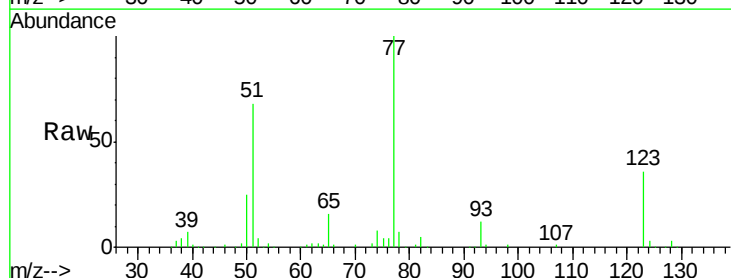
Tgt Ion: 77 Resp: 167500

Ion Ratio Lower Upper

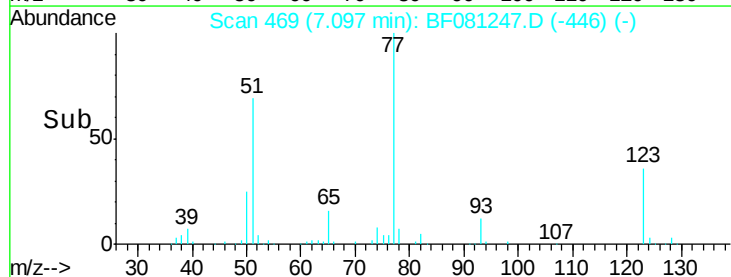
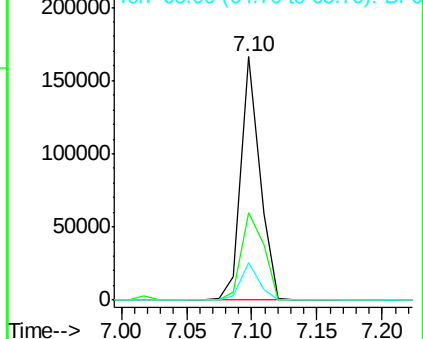
77 100

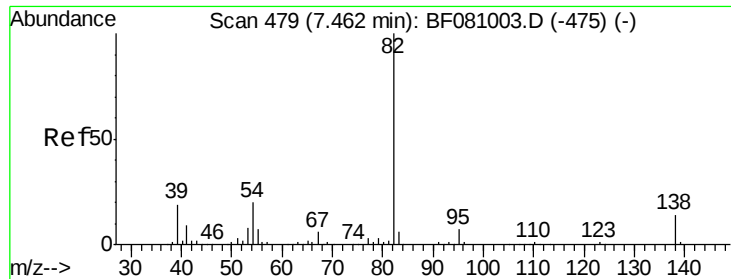
123 35.9 32.9 49.3

65 15.6 12.5 18.7



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





#25

Isophorone

Concen: 42.17 ng

RT: 7.35 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

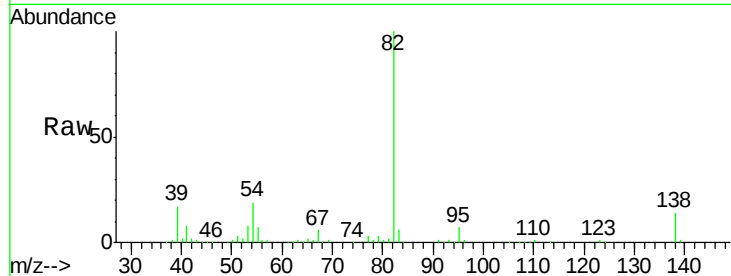
Tot Ion: 82 Resp: 354258

Ion Ratio Lower Upper

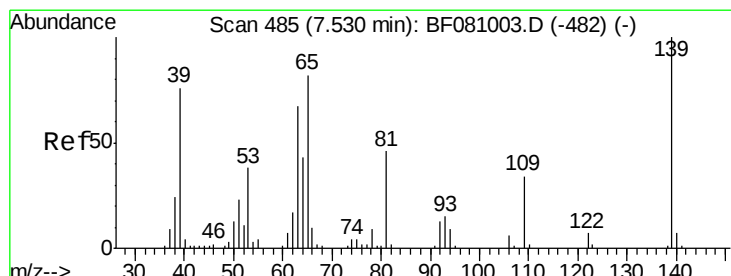
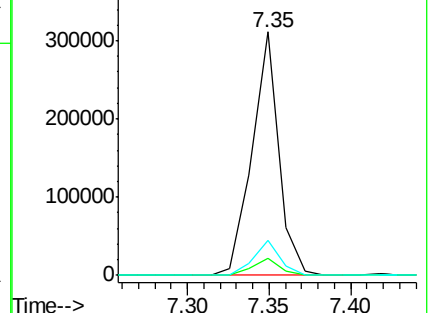
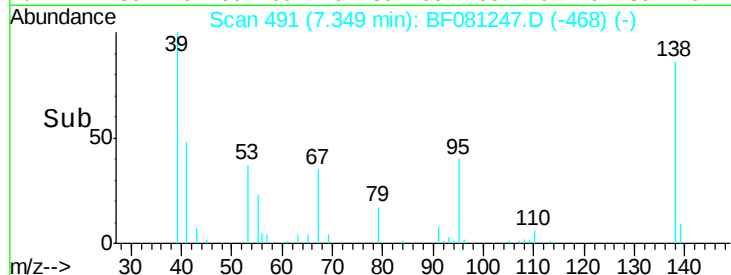
82 100

95 6.8 6.2 9.2

138 14.4 10.5 15.7



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



#26

2-Nitrophenol

Concen: 43.43 ng

RT: 7.42 min Scan# 497

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

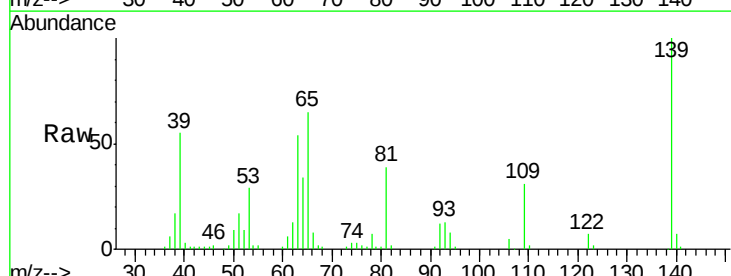
Tgt Ion: 139 Resp: 85085

Ion Ratio Lower Upper

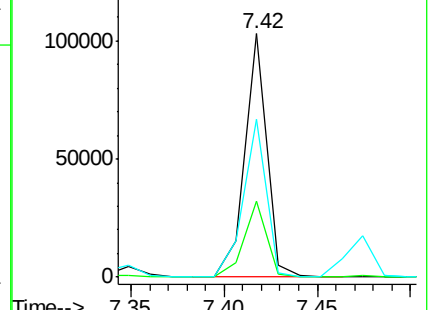
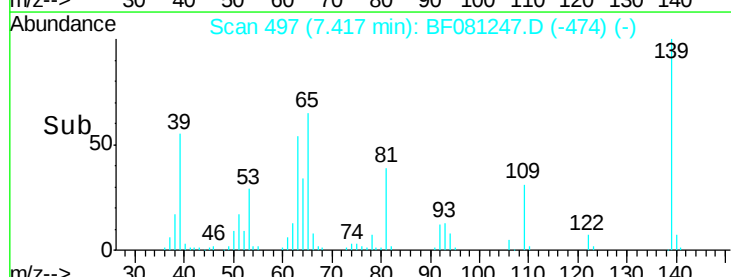
139 100

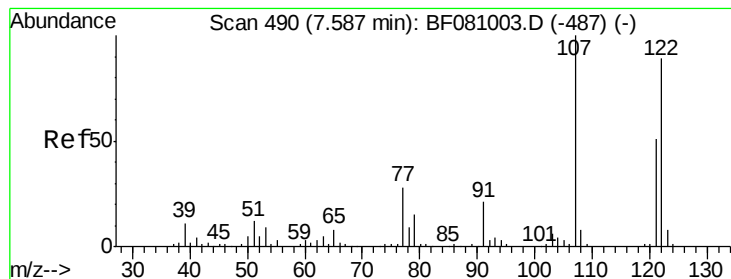
109 31.2 32.1 48.1#

65 65.0 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 43.16 ng

RT: 7.47 min Scan# 502

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

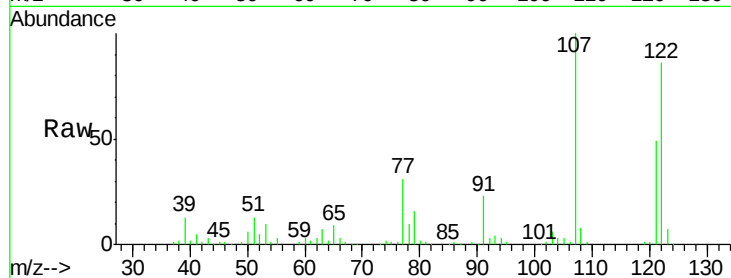
Tot Ion:122 Resp: 149559

Ion Ratio Lower Upper

122 100

107 116.8 103.8 155.6

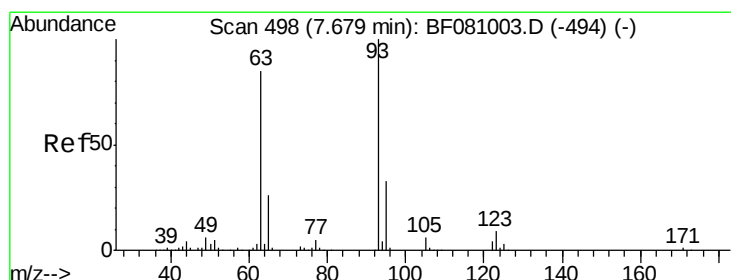
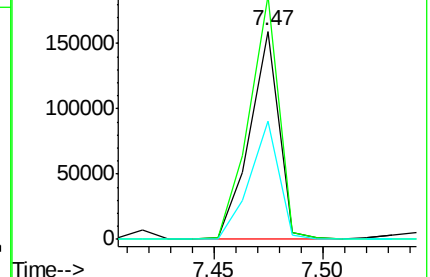
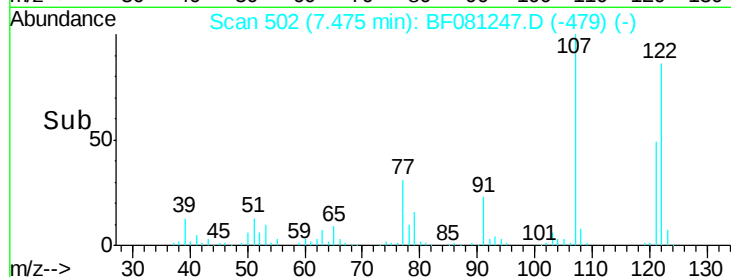
121 57.0 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.27 ng

RT: 7.57 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

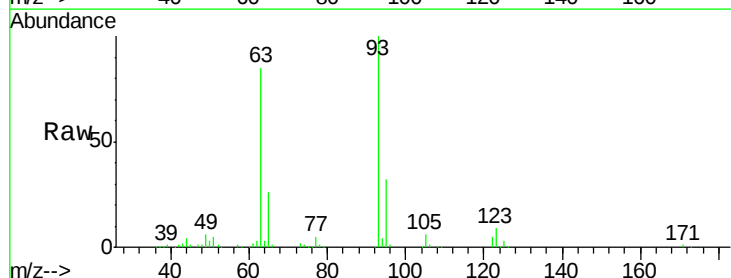
Tgt Ion: 93 Resp: 199888

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

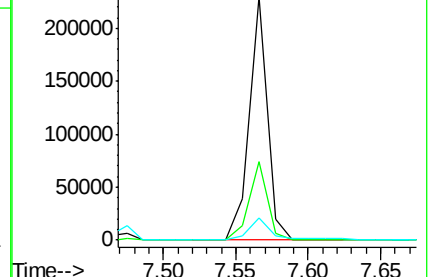
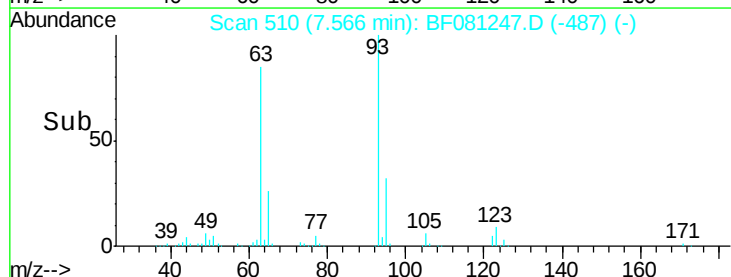
123 9.1 7.4 11.0

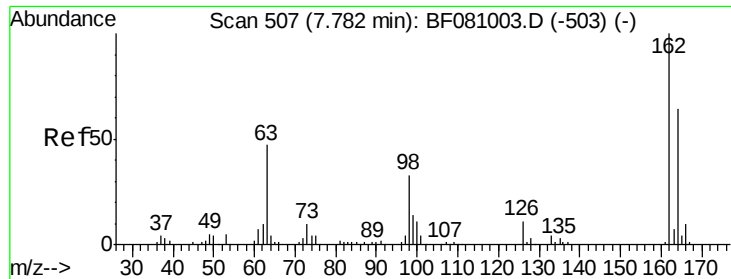


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

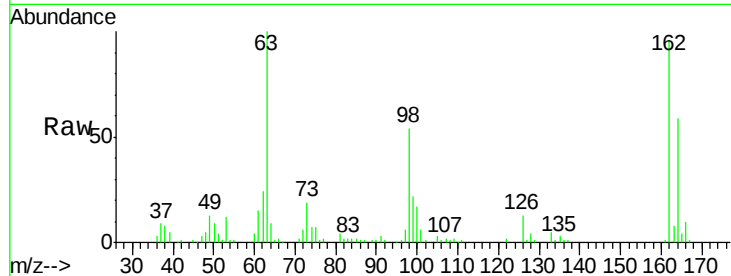




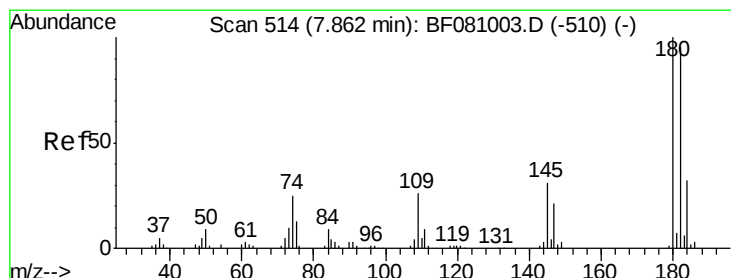
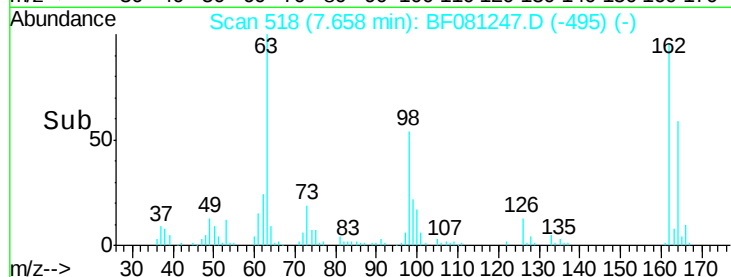
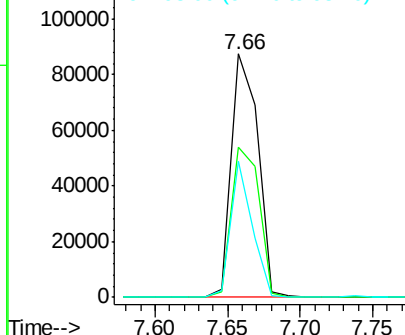
#29
 2,4-Dichlorophenol
 Concen: 38.28 ng
 RT: 7.66 min Scan# 518
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 111688
 Ion Ratio Lower Upper
 162 100
 164 61.5 43.2 83.2
 98 55.8 12.3 52.3#

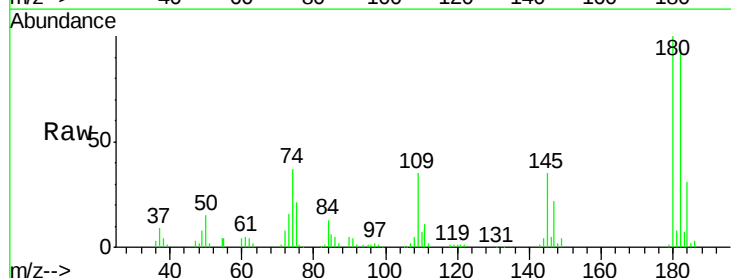


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

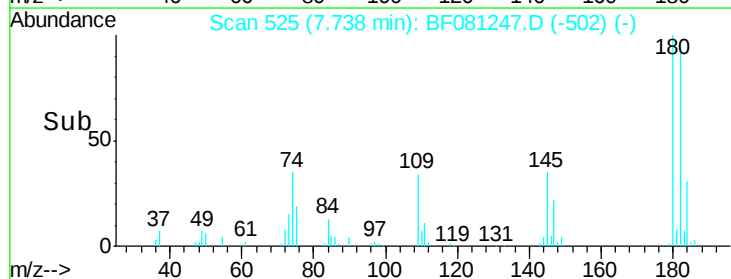
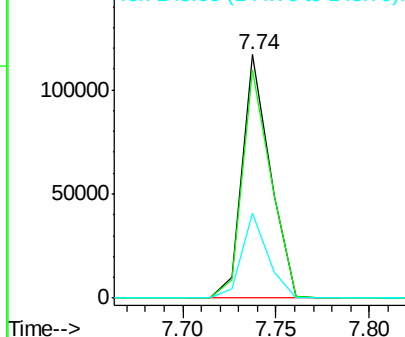


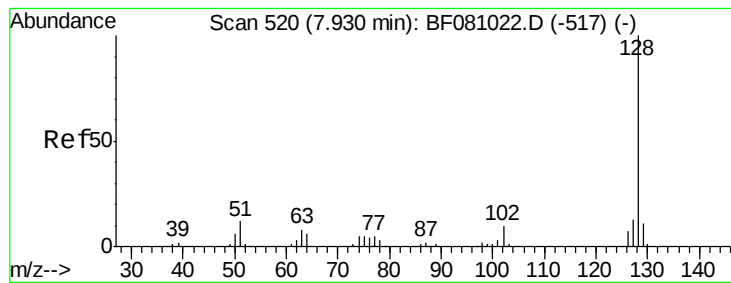
#30
 1,2,4-Trichlorobenzene
 Concen: 37.48 ng
 RT: 7.74 min Scan# 525
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion:180 Resp: 121551
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.4 114.6
 145 34.7 25.4 38.2



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





#31

Naphthalene

Concen: 41.12 ng

RT: 7.82 min Scan# 532

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

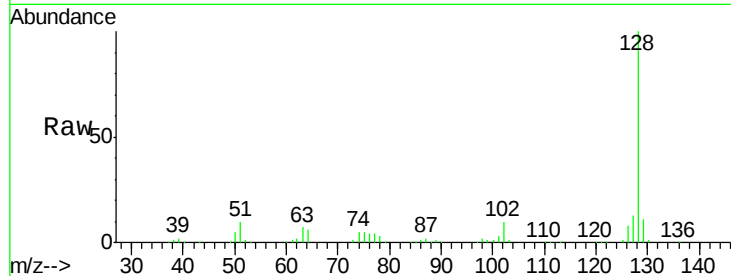
Tot Ion:128 Resp: 471675

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

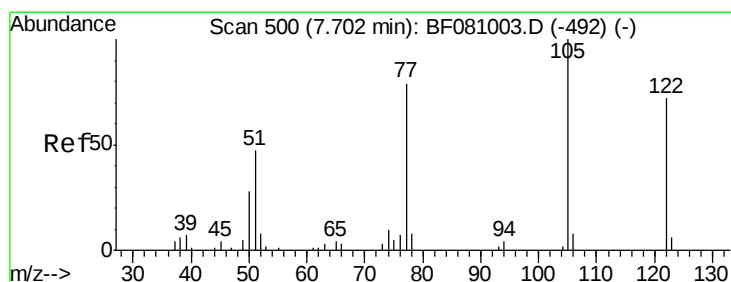
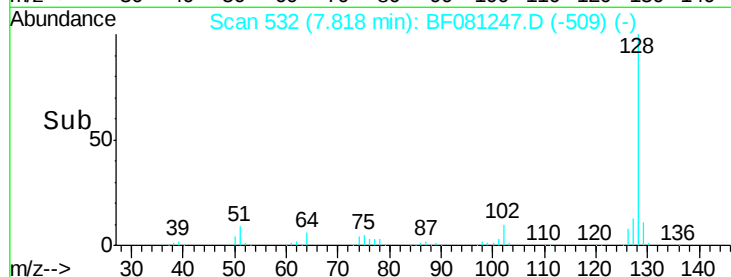
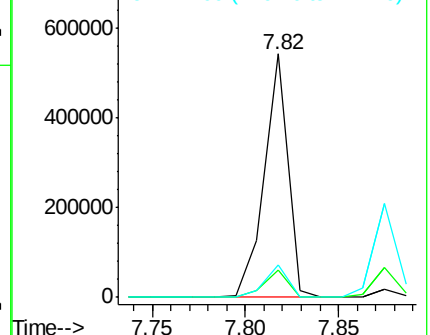
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.10 ng

RT: 7.61 min Scan# 514

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

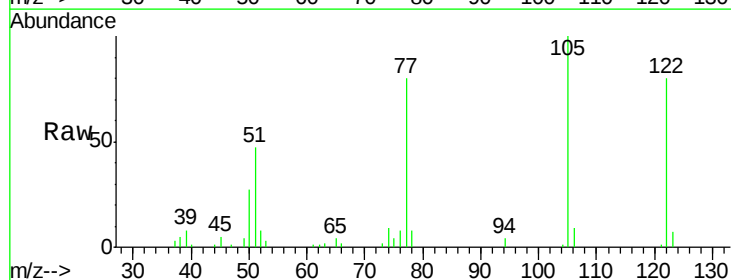
Tgt Ion:122 Resp: 97658

Ion Ratio Lower Upper

122 100

105 125.8 113.8 153.8

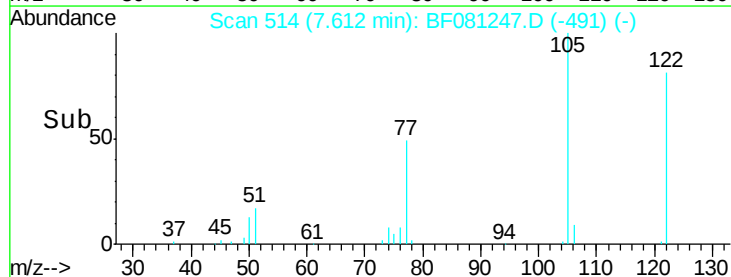
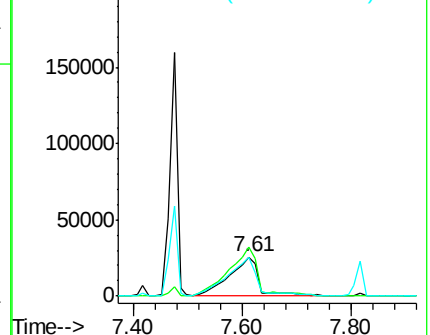
77 101.2 93.8 133.8

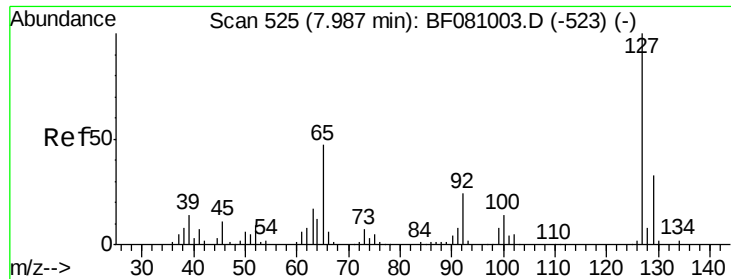


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

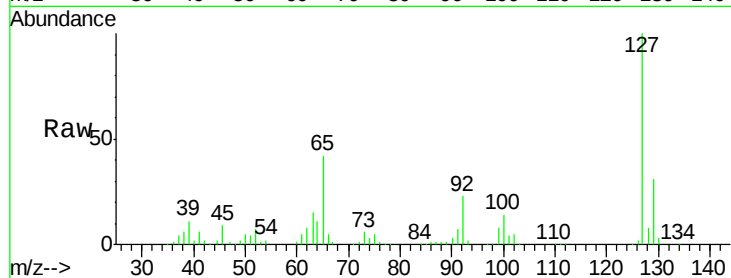




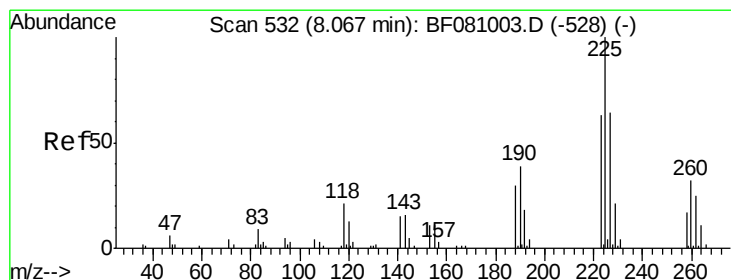
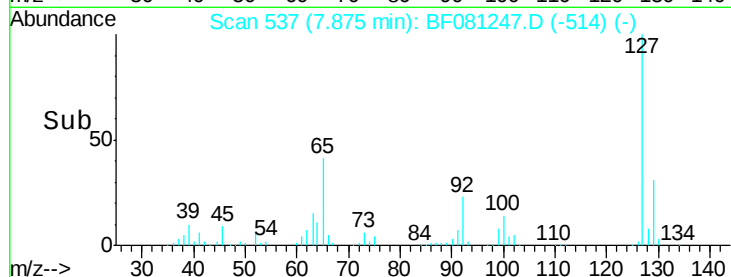
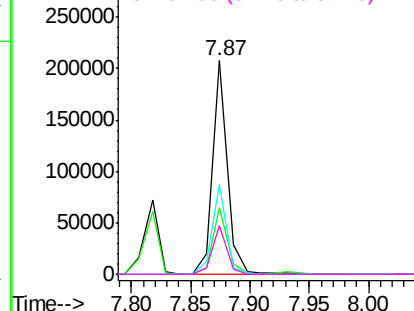
#33
4-Chloroaniline
Concen: 37.32 ng
RT: 7.87 min Scan# 537
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	180643
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.2	37.8
65	42.0	37.8	56.6
92	22.8	19.5	29.3

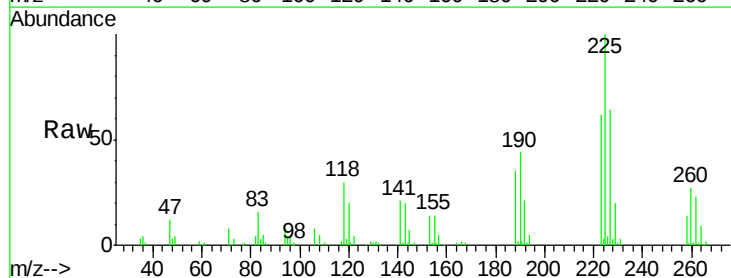


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

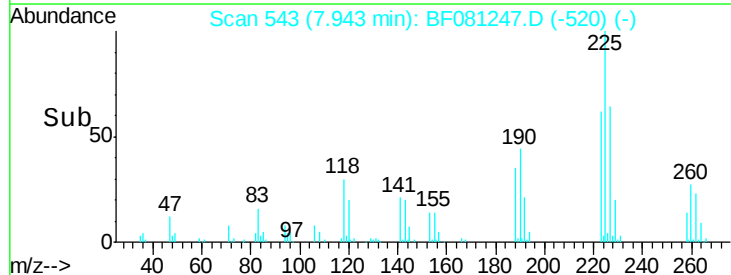
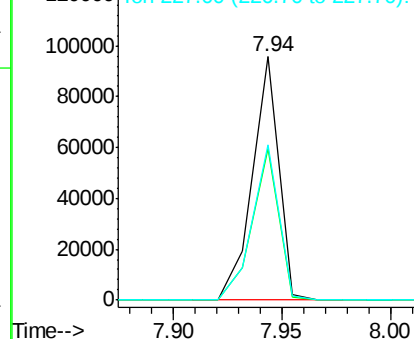


#34
Hexachlorobutadiene
Concen: 43.90 ng
RT: 7.94 min Scan# 543
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion:	225	Resp:	80494
Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.6	79.0
227	63.6	51.1	76.7



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





#35

Caprolactam

Concen: 38.17 ng

RT: 8.26 min Scan# 571

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampled :

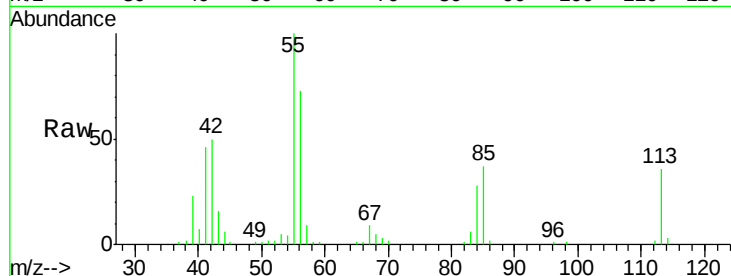
Tot Ion:113 Resp: 38925

Ion Ratio Lower Upper

113 100

55 277.3 280.4 320.4#

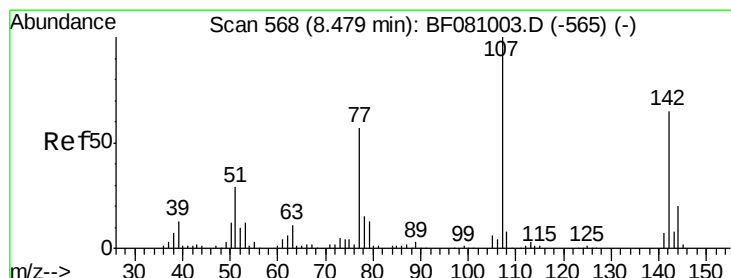
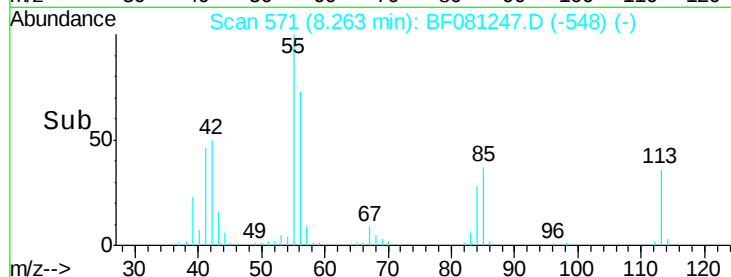
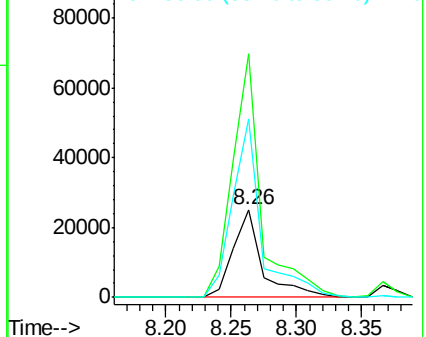
56 202.6 205.9 245.9#



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: 38.86 ng

RT: 8.37 min Scan# 580

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

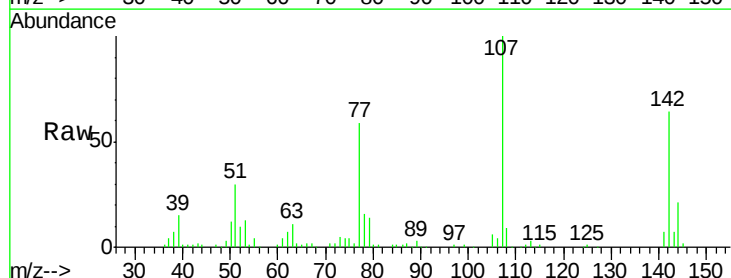
Tgt Ion:107 Resp: 135131

Ion Ratio Lower Upper

107 100

144 20.6 17.2 25.8

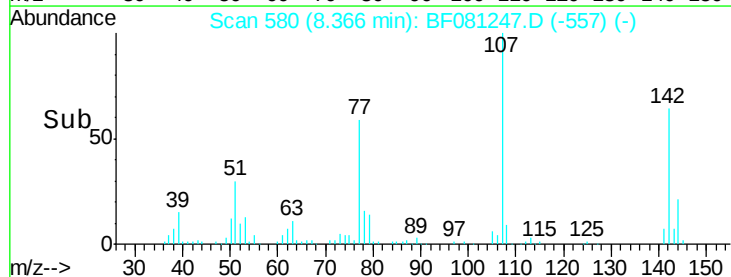
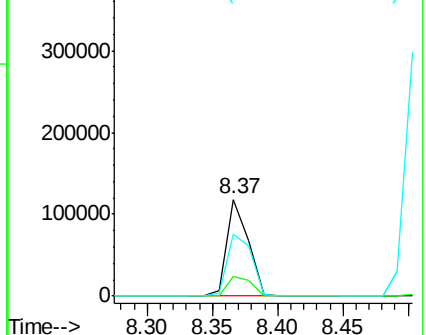
142 64.0 54.9 82.3

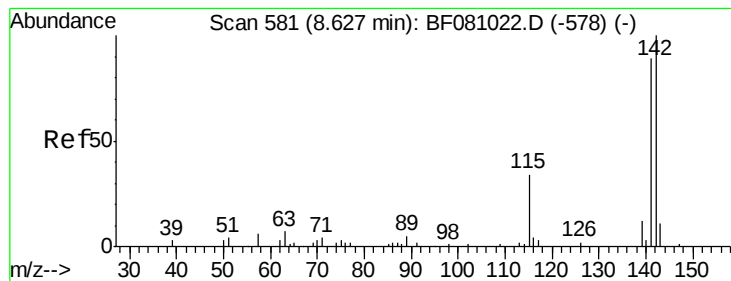


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.88 ng

RT: 8.50 min Scan# 592

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

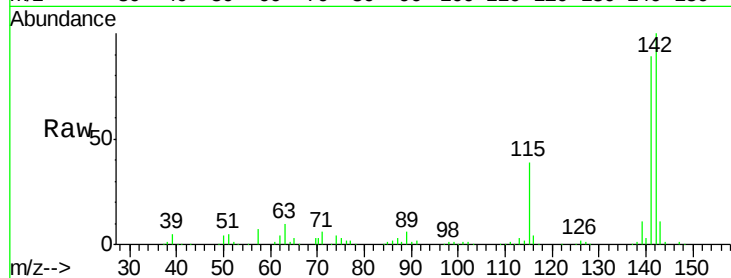
Tot Ion:142 Resp: 274507

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

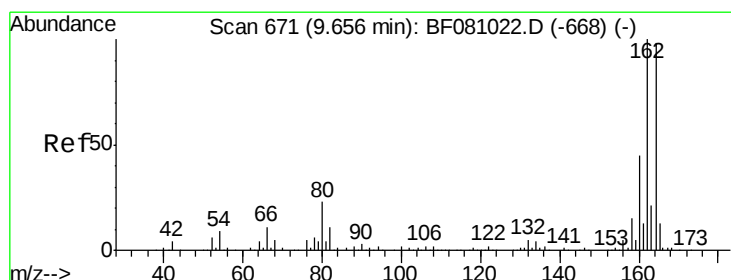
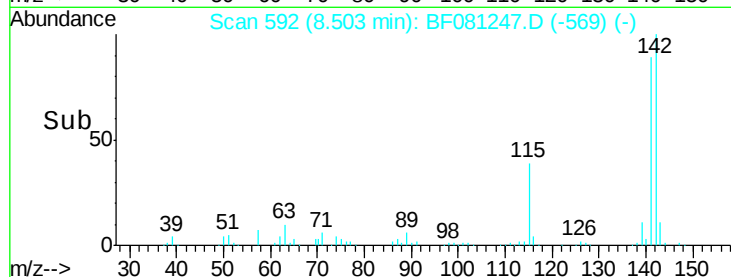
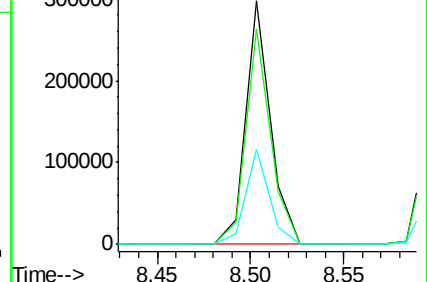
115 39.1 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

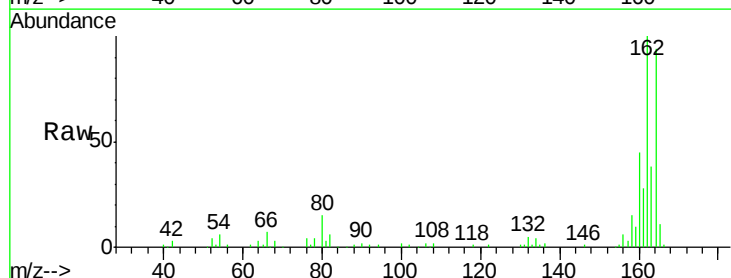
Tgt Ion:164 Resp: 94375

Ion Ratio Lower Upper

164 100

162 106.7 83.8 125.8

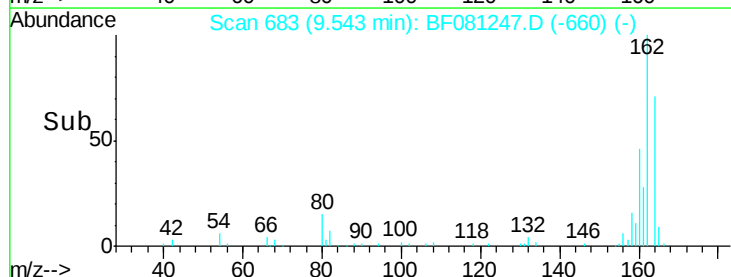
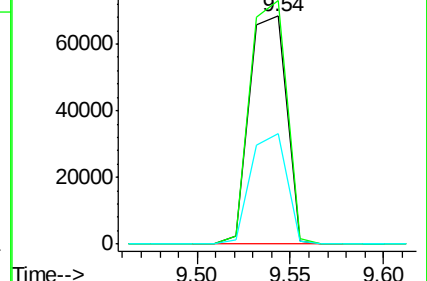
160 48.5 39.8 59.8

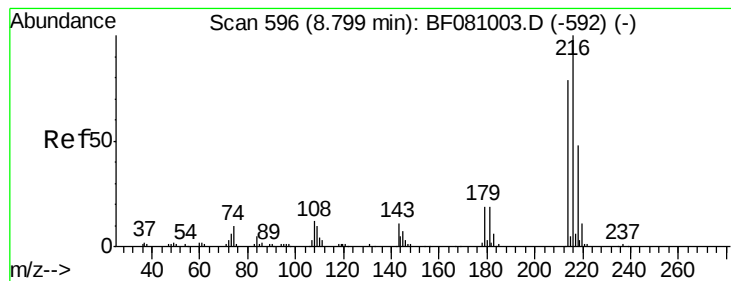


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.87 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 130548

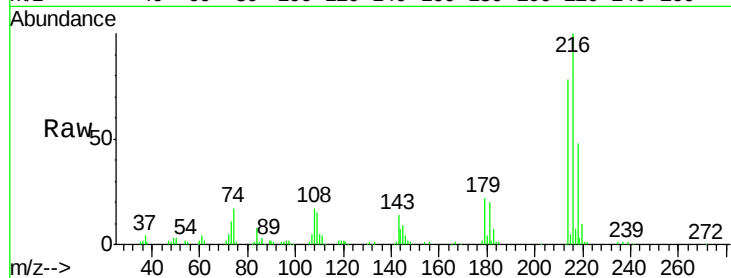
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 23.2 17.8 26.8

108 22.0 16.2 24.2

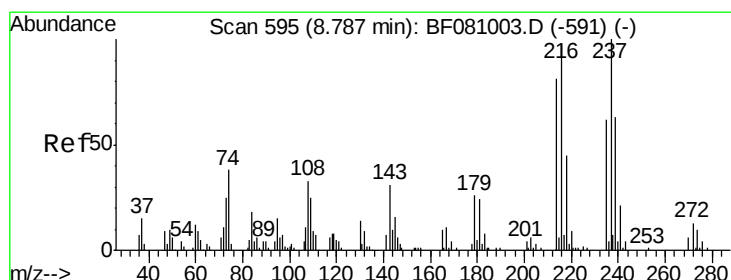
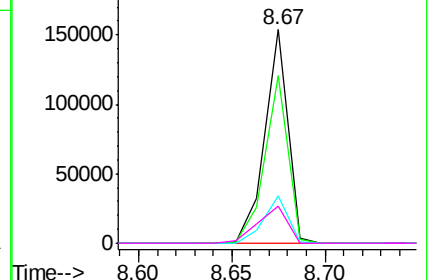
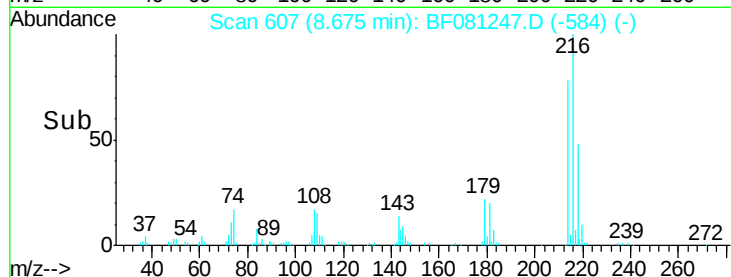


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.97 ng

RT: 8.66 min Scan# 606

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

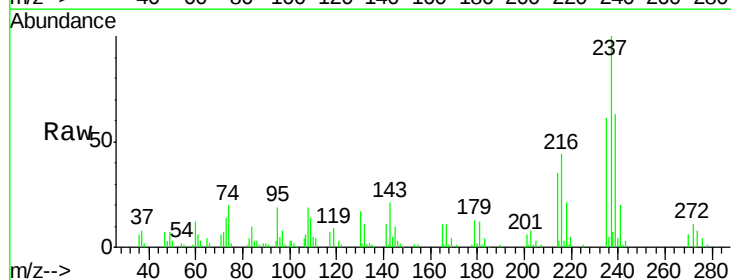
Tgt Ion:237 Resp: 61418

Ion Ratio Lower Upper

237 100

235 61.2 43.6 83.6

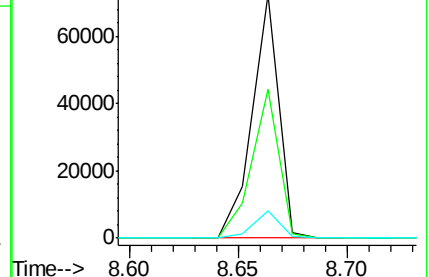
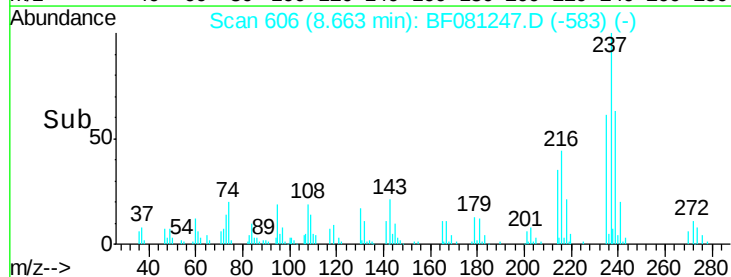
272 11.1 0.0 32.2

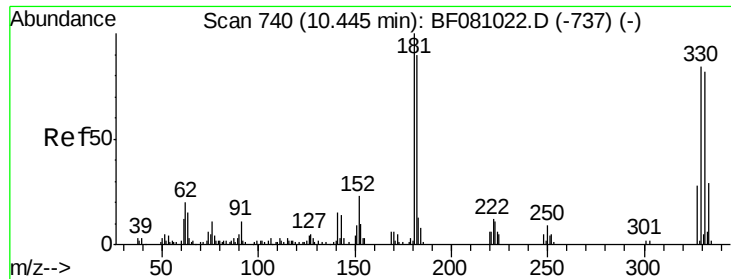


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 78.89 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampled :

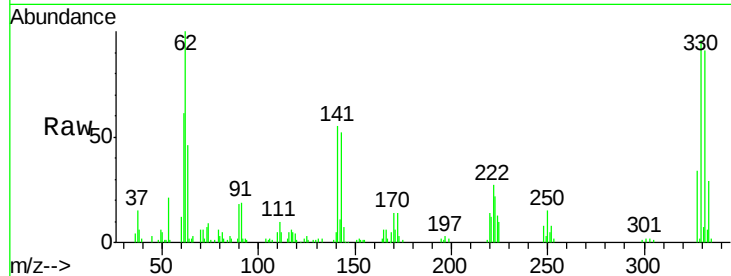
Tot Ion:330 Resp: 64541

Ion Ratio Lower Upper

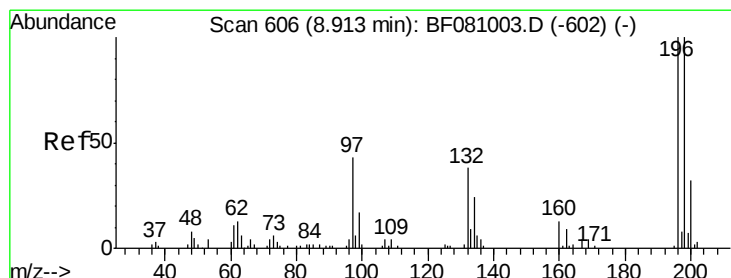
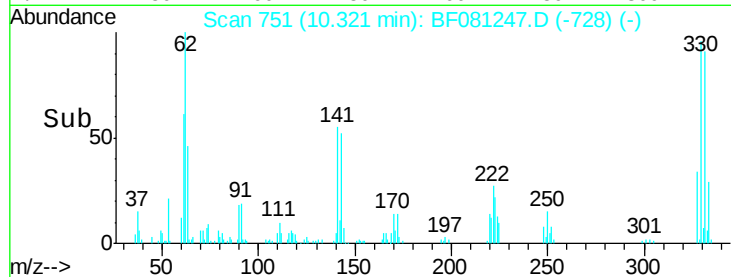
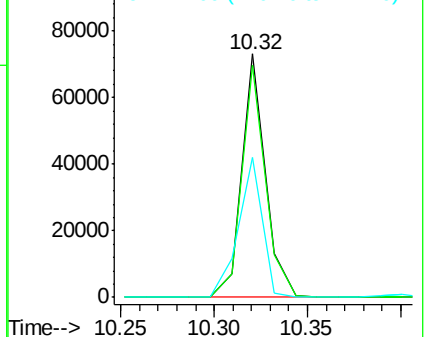
330 100

332 95.8 77.3 115.9

141 58.6 44.9 67.3



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



#42

2,4,6-Trichlorophenol

Concen: 40.41 ng

RT: 8.79 min Scan# 617

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

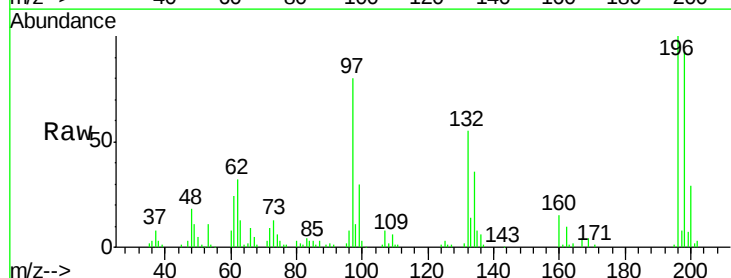
Tgt Ion:196 Resp: 86926

Ion Ratio Lower Upper

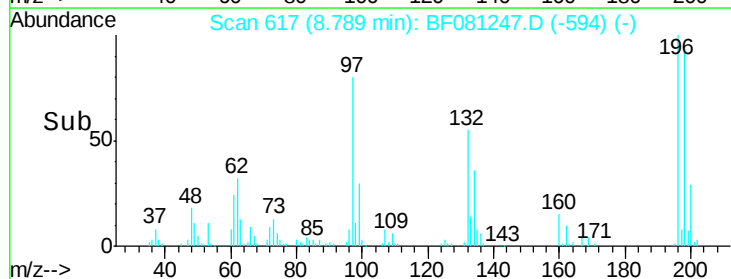
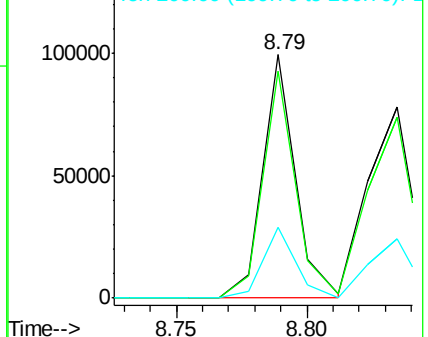
196 100

198 93.5 74.6 111.8

200 28.9 22.7 34.1



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

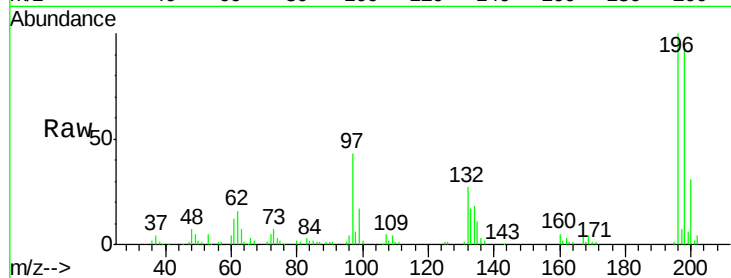




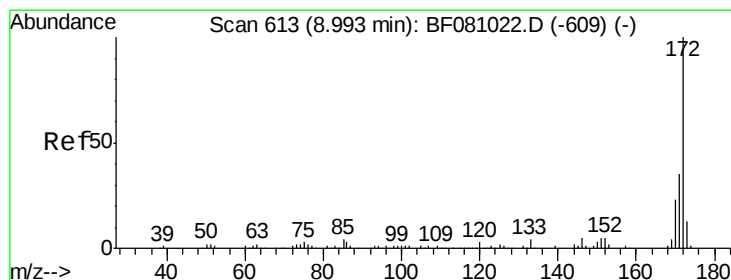
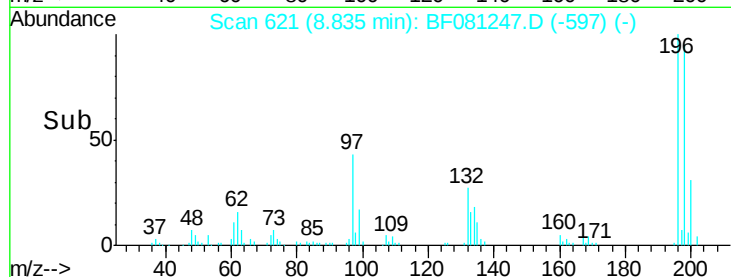
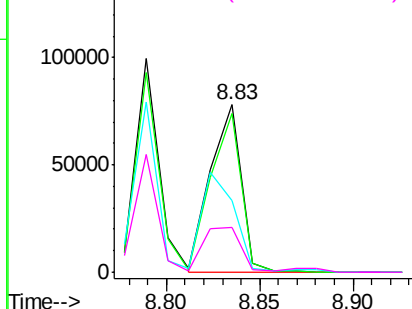
#43
 2,4,5-Trichlorophenol
 Concen: 41.84 ng
 RT: 8.83 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	89957
Ion Ratio	Lower	Upper
196	100	
198	94.9	78.3 117.5
97	42.8	42.7 64.1
132	26.6	23.3 34.9

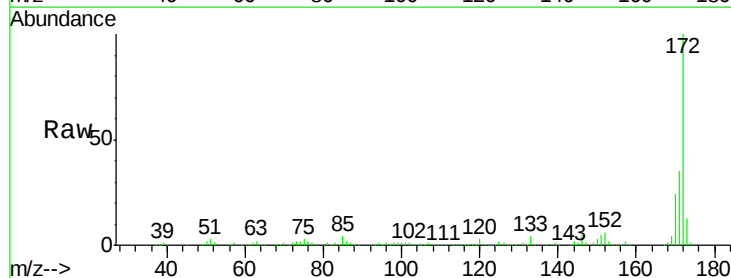


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

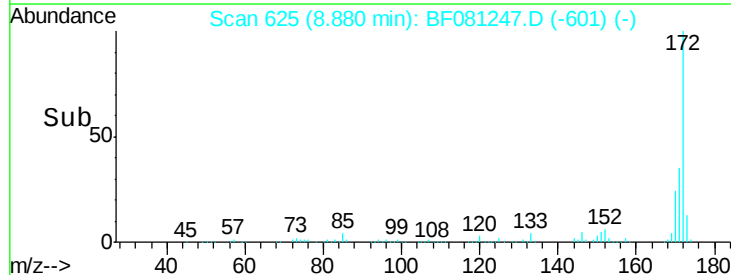
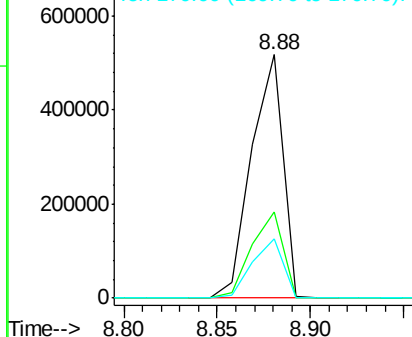


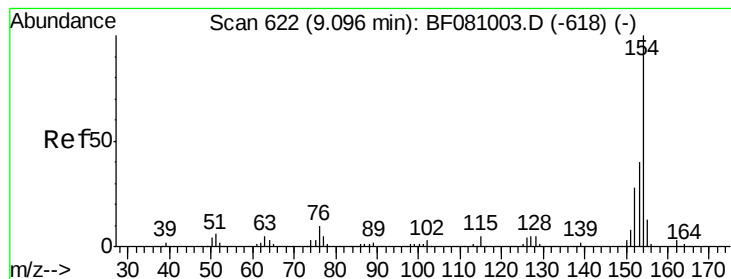
#44
 2-Fluorobiphenyl
 Concen: 83.99 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion:172	Resp:	604982
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.9 43.3
170	24.3	19.4 29.2



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





#45

1,1'-Biphenyl

Concen: 41.30 ng

RT: 8.97 min Scan# 633

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

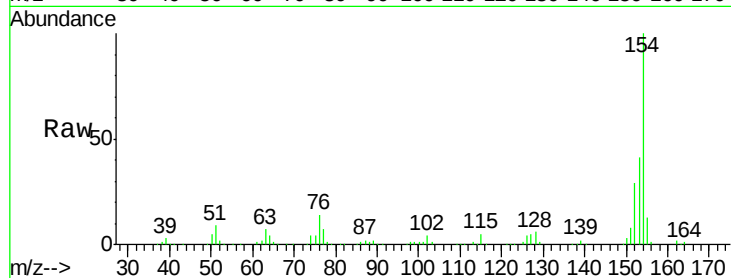
Tot Ion:154 Resp: 343341

Ion Ratio Lower Upper

154 100

153 40.6 19.5 59.5

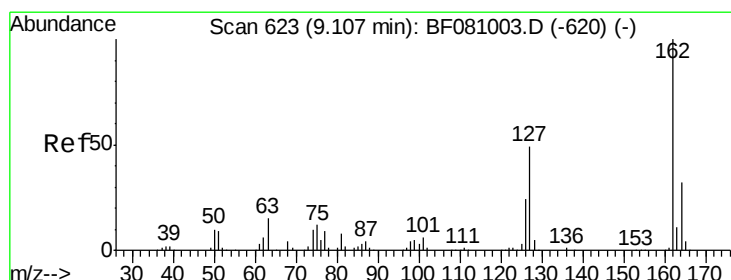
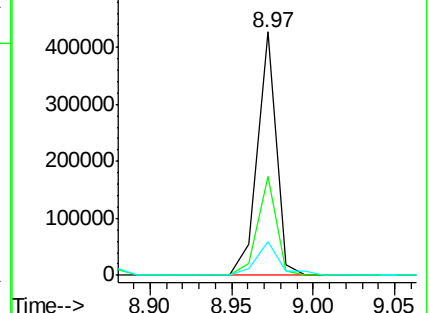
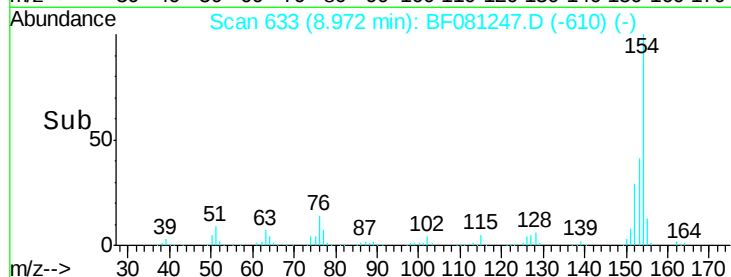
76 13.6 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.32 ng

RT: 8.99 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

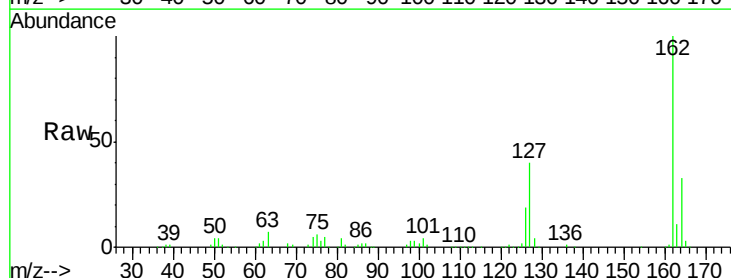
Tgt Ion:162 Resp: 282610

Ion Ratio Lower Upper

162 100

127 39.5 31.3 46.9

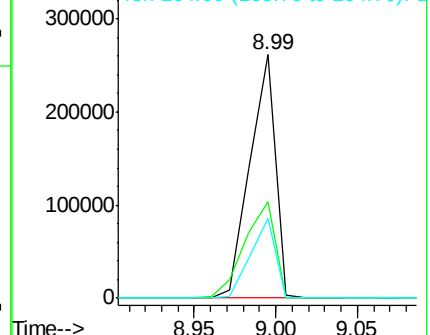
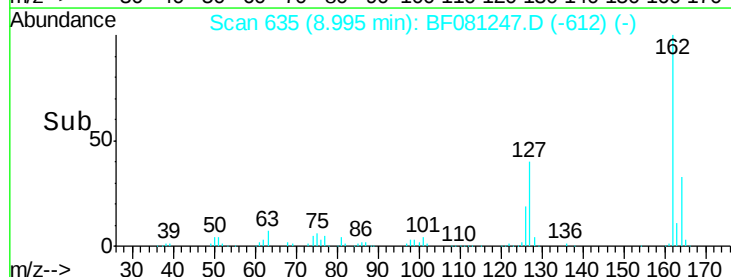
164 32.5 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

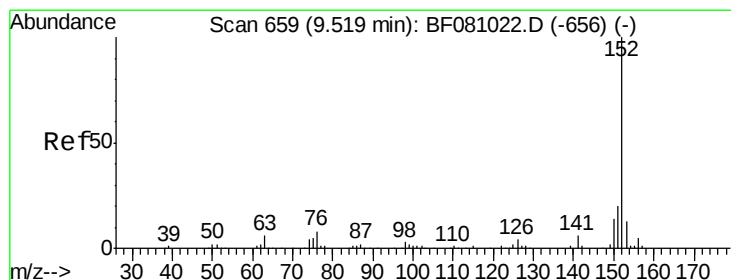
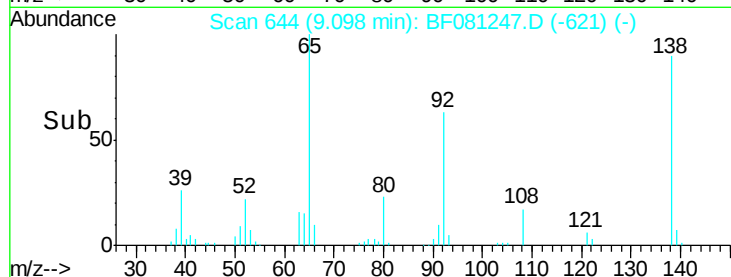
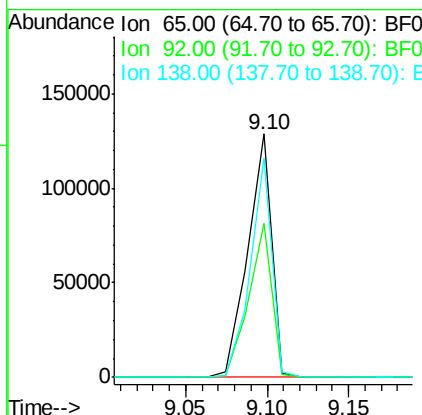
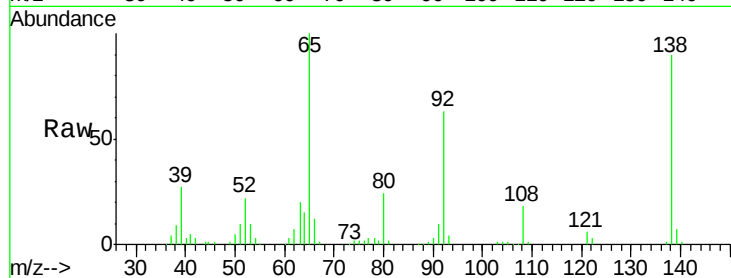




#47
 2-Nitroaniline
 Concen: 47.56 ng
 RT: 9.10 min Scan# 644
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

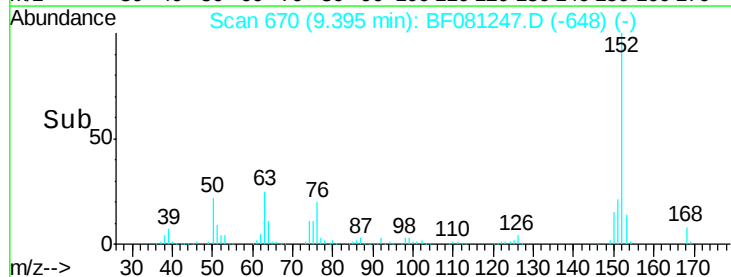
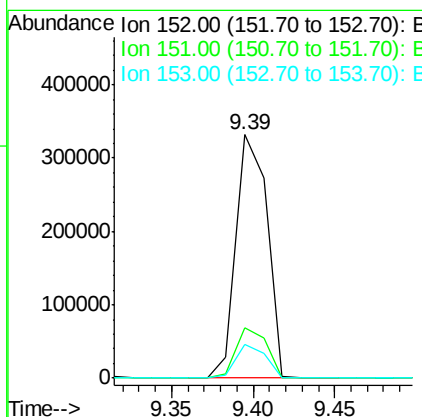
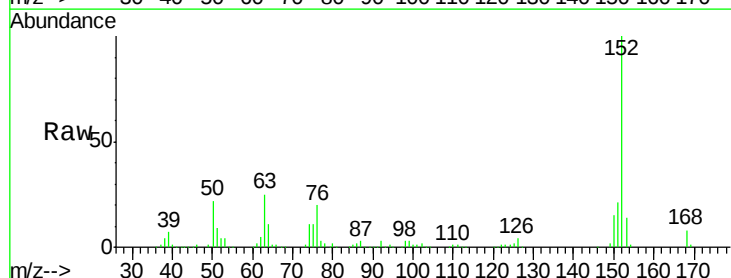
Instrument :
 BNA_F
 ClientSampleId :

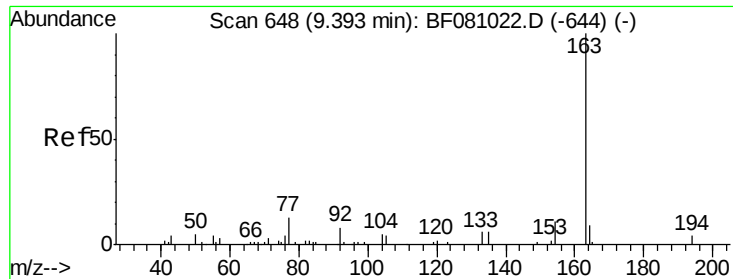
Tot Ion: 65 Resp: 129984
 Ion Ratio Lower Upper
 65 100
 92 63.3 45.6 68.4
 138 89.9 57.9 86.9#



#48
 Acenaphthylene
 Concen: 36.47 ng
 RT: 9.39 min Scan# 670
 Delta R.T. -0.05 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion: 152 Resp: 435668
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.1 24.1
 153 13.8 9.8 14.6

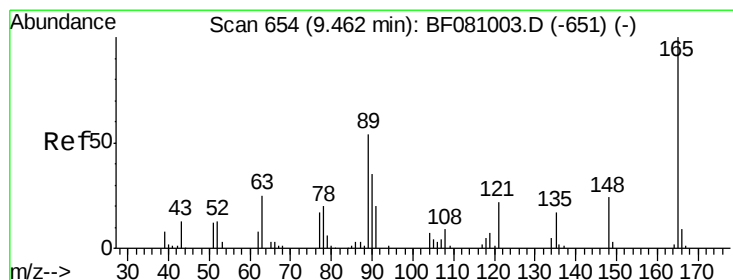
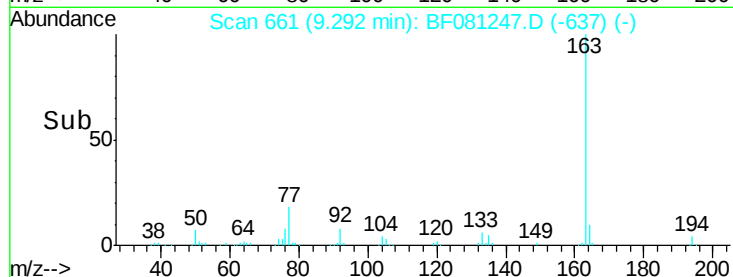
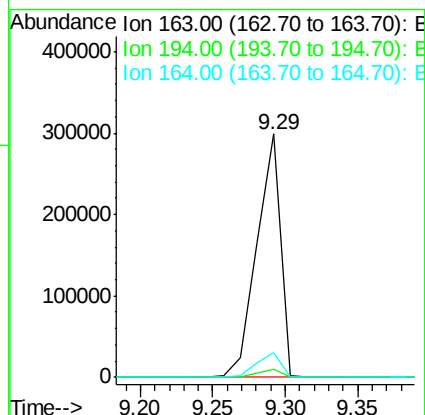
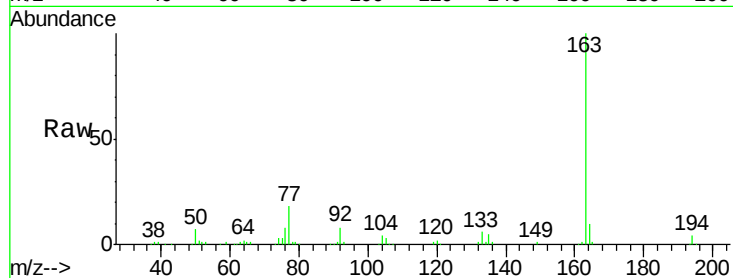




#49
Dimethylphthalate
Concen: 43.57 ng
RT: 9.29 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

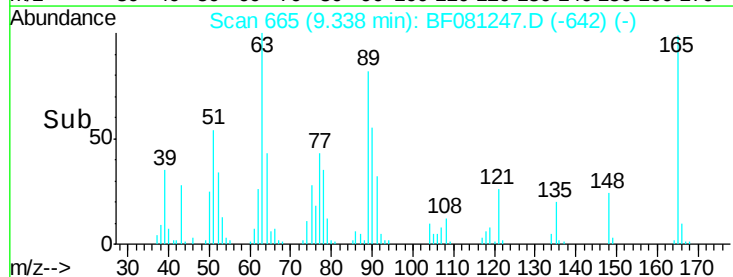
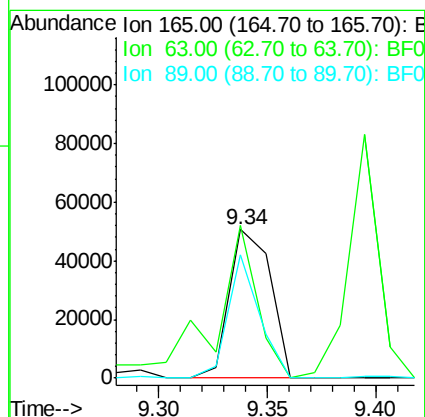
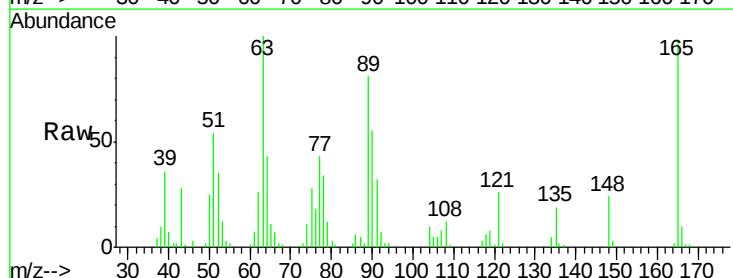
Instrument :
BNA_F
ClientSampleId :

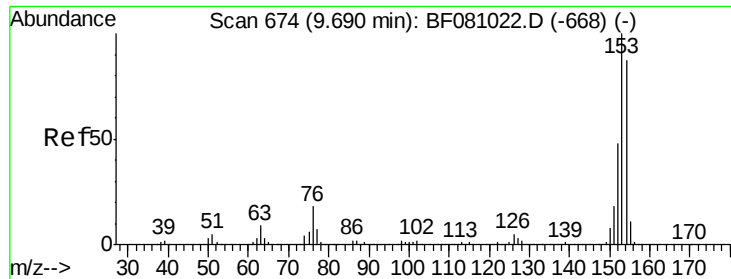
Tot Ion:163 Resp: 338649
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 10.0 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 39.79 ng
RT: 9.34 min Scan# 665
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion:165 Resp: 66400
Ion Ratio Lower Upper
165 100
63 102.4 49.5 74.3#
89 82.8 47.6 71.4#





#51

Acenaphthene

Concen: 35.97 ng

RT: 9.57 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

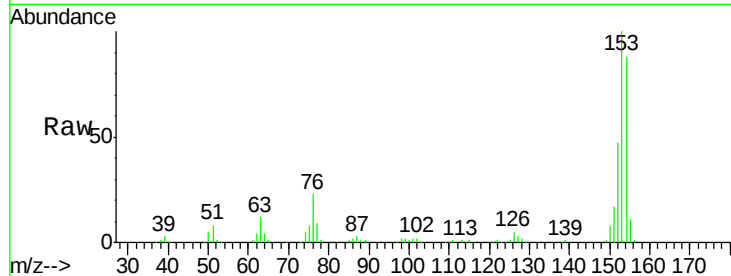
Tot Ion:154 Resp: 257224

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

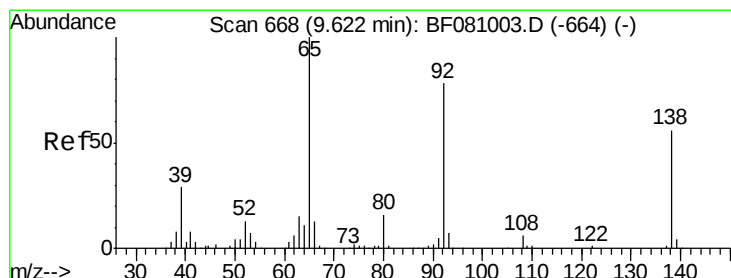
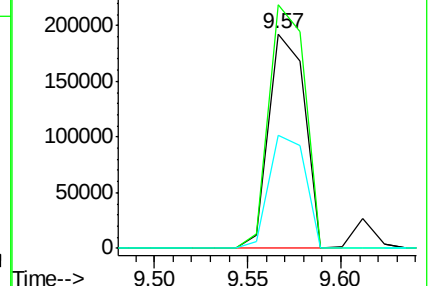
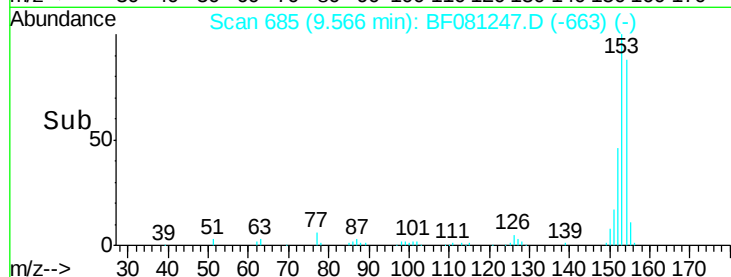
152 52.9 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.03 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

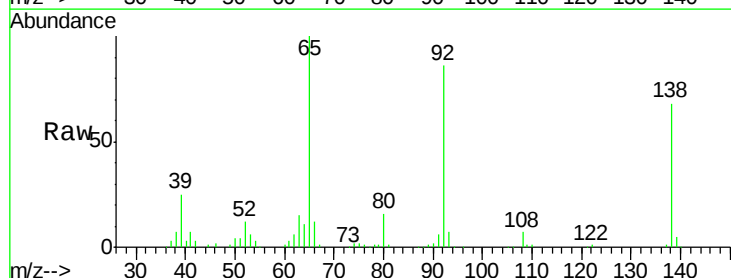
Tgt Ion:138 Resp: 96118

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.2

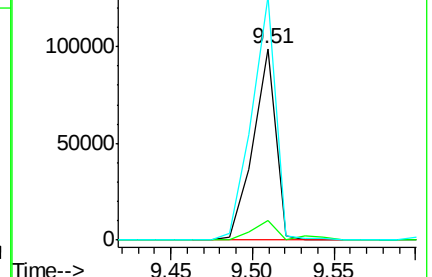
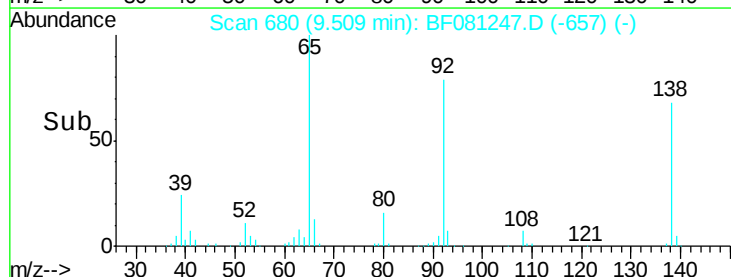
92 127.3 113.2 169.8

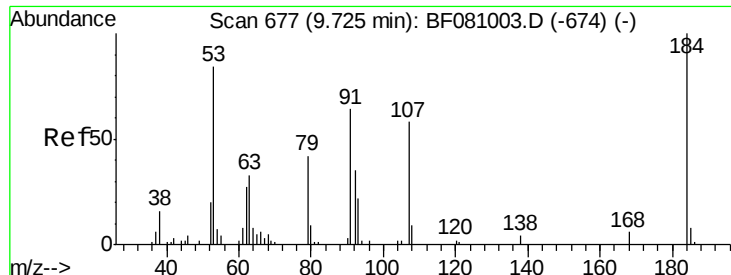


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

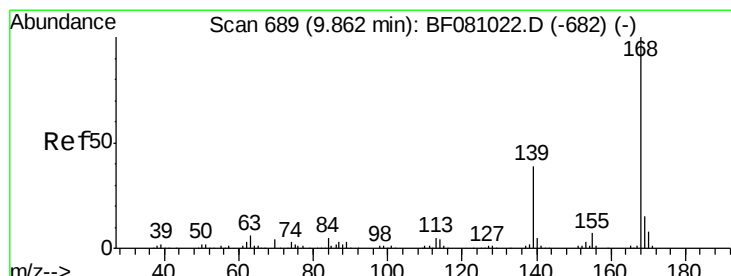
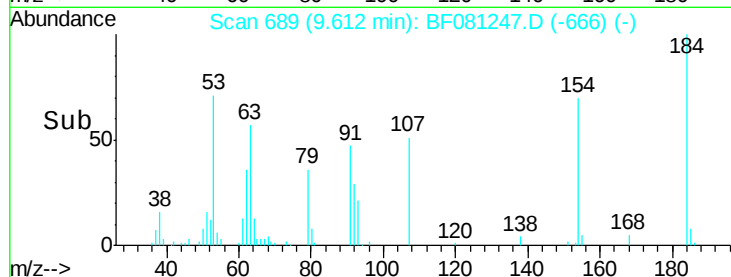
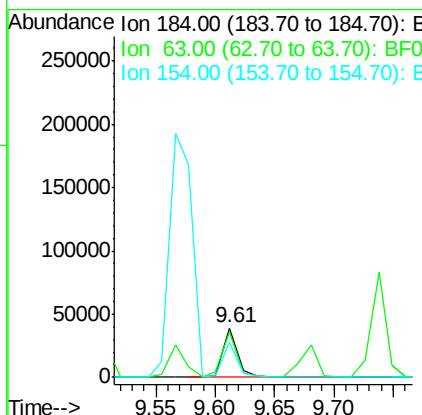
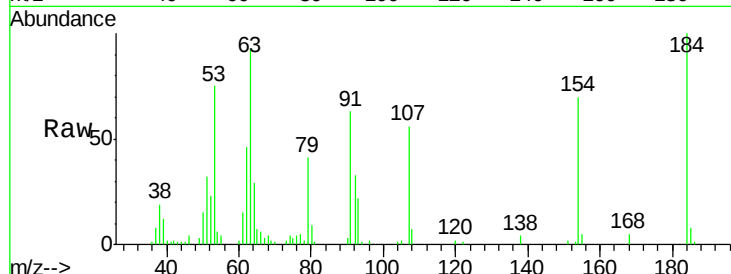




#53
2,4-Dinitrophenol
Concen: 41.75 ng
RT: 9.61 min Scan# 689
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

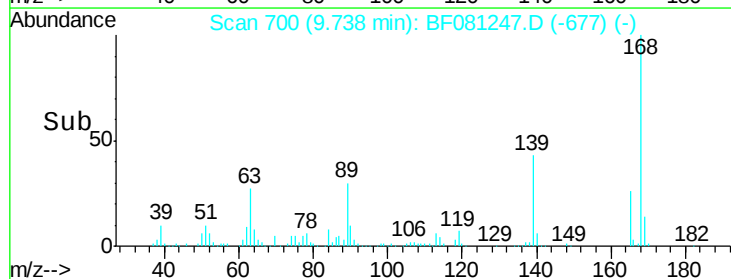
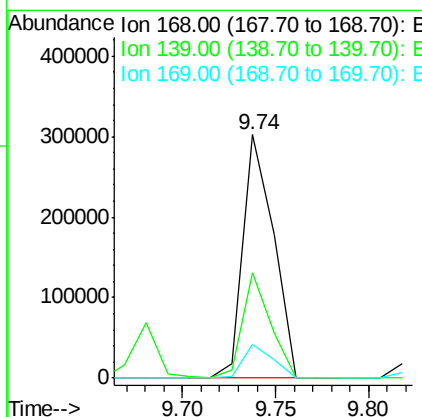
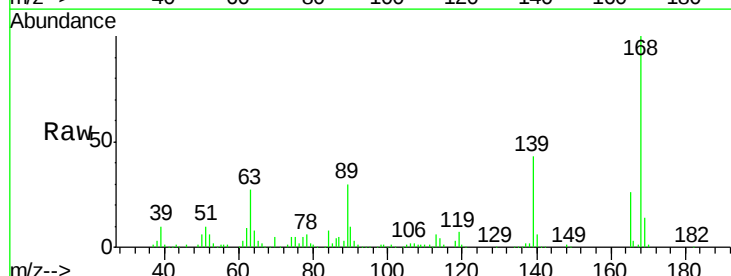
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 34054
Ion Ratio Lower Upper
184 100
63 92.5 101.7 152.5#
154 69.9 67.4 101.0



#54
Dibenzofuran
Concen: 35.84 ng
RT: 9.74 min Scan# 700
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion:168 Resp: 343443
Ion Ratio Lower Upper
168 100
139 43.5 29.3 43.9
169 13.9 10.3 15.5





#55

4-Nitrophenol

Concen: 43.42 ng

RT: 9.68 min Scan# 695

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

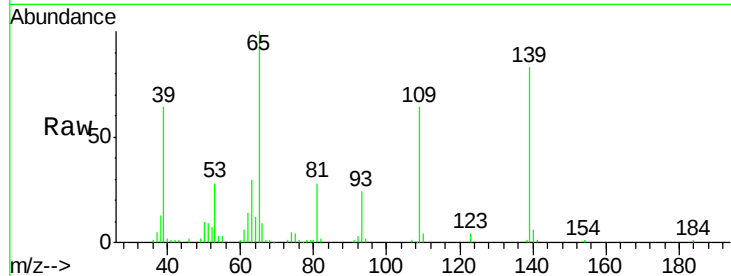
Tot Ion:139 Resp: 63683

Ion Ratio Lower Upper

139 100

109 77.7 80.0 120.0#

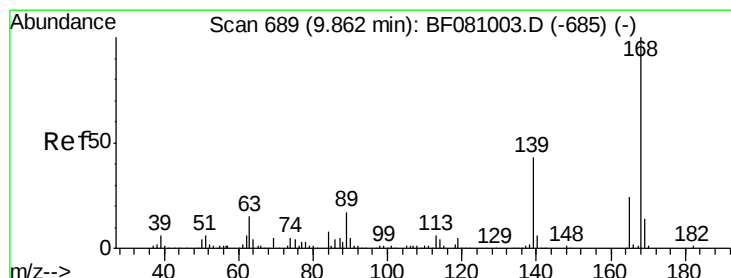
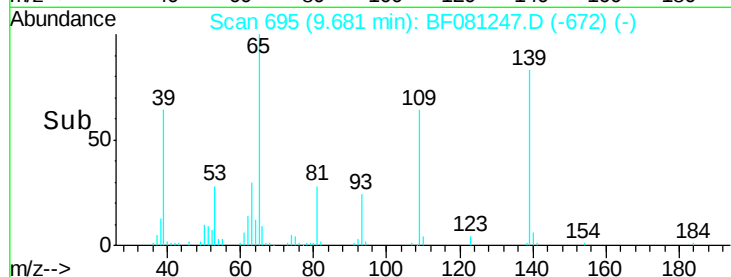
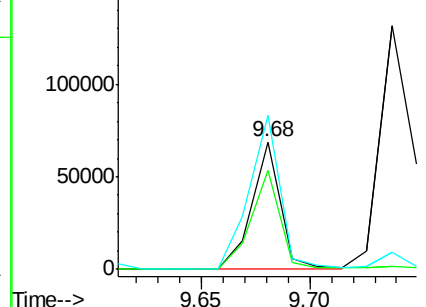
65 120.9 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.93 ng

RT: 9.74 min Scan# 700

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:165 Resp: 79472

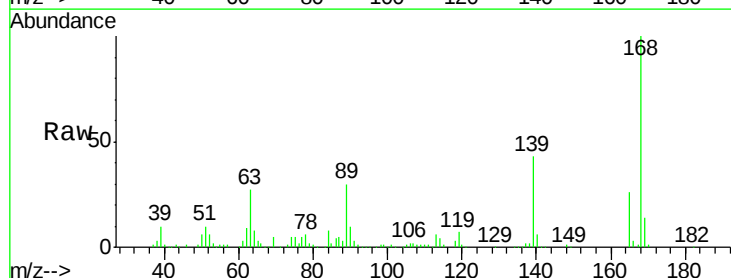
Ion Ratio Lower Upper

165 100

63 105.2 52.2 78.4#

89 116.4 60.1 90.1#

182 1.9 1.8 2.6

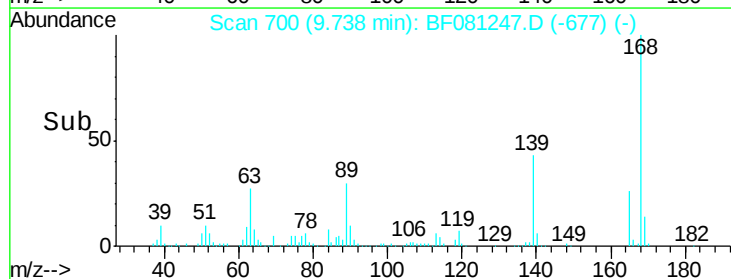
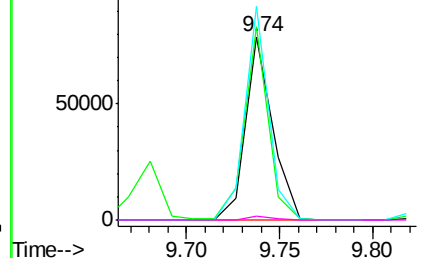


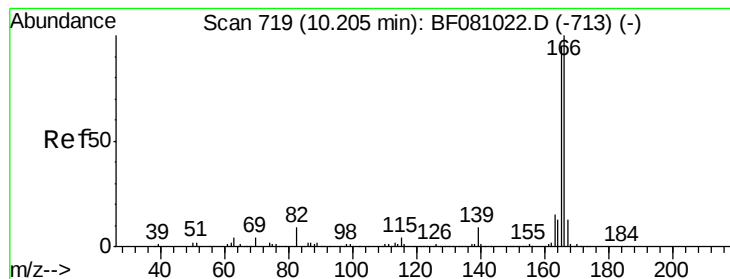
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.20 ng

RT: 10.08 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampled :

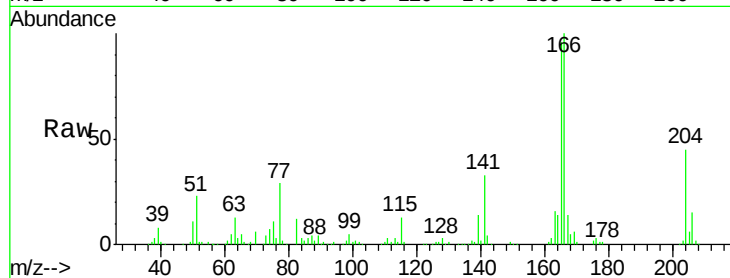
Tot Ion:166 Resp: 288980

Ion Ratio Lower Upper

166 100

165 95.7 75.8 113.8

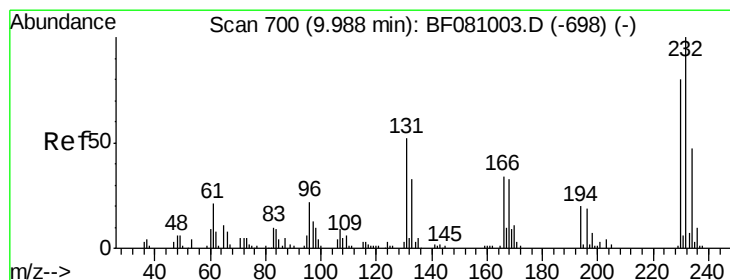
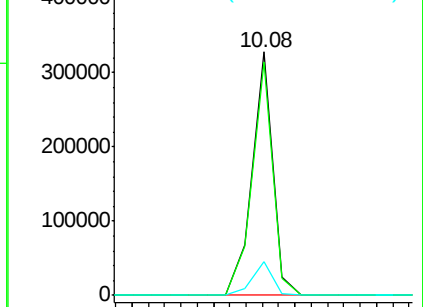
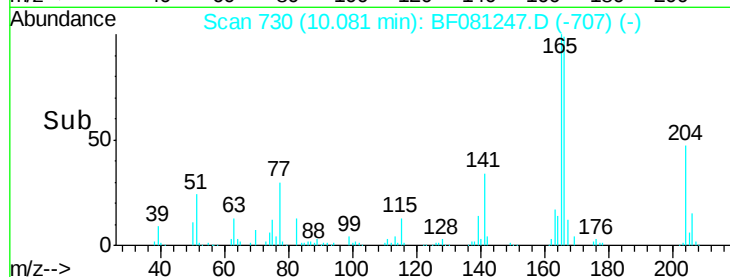
167 13.8 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.52 ng

RT: 9.82 min Scan# 707

Delta R.T. -0.08 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:232 Resp: 70760

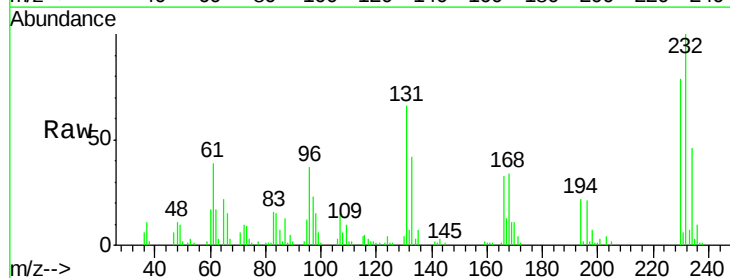
Ion Ratio Lower Upper

232 100

131 47.8 42.2 63.4

130 2.6 2.1 3.1

166 26.6 22.4 33.6

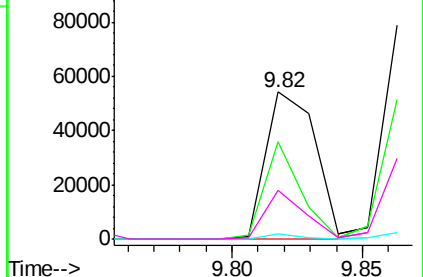
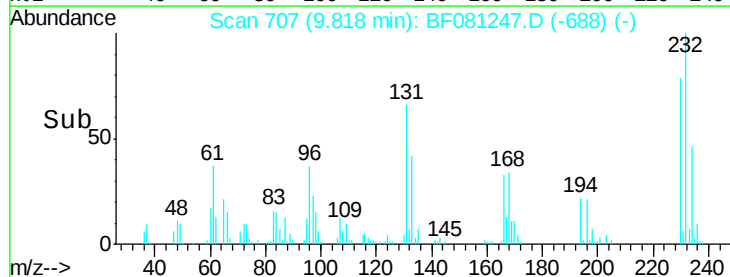


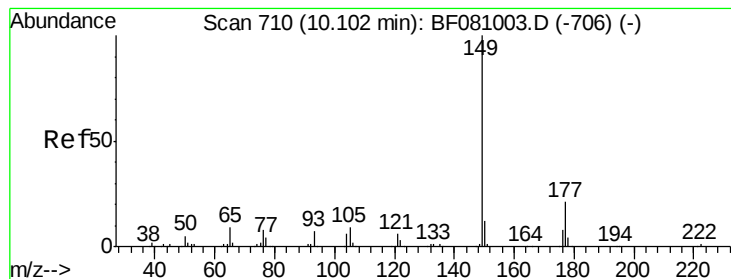
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.32 ng

RT: 9.98 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampled :

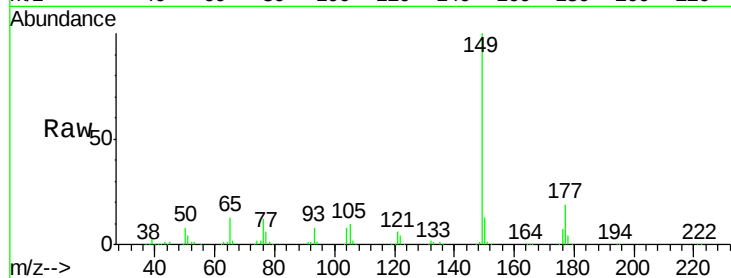
Tot Ion:149 Resp: 331682

Ion Ratio Lower Upper

149 100

177 19.1 14.1 21.1

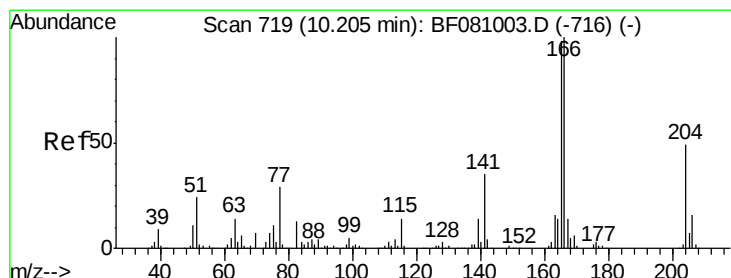
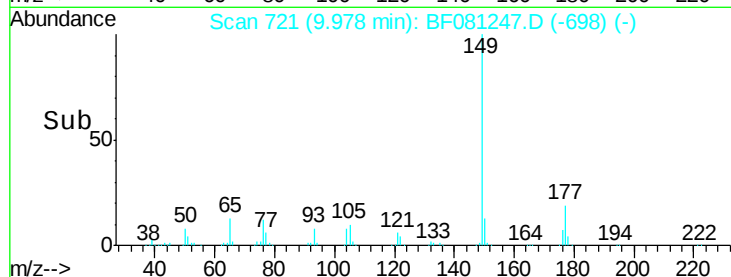
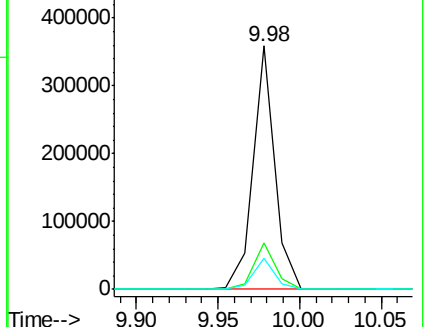
150 12.7 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.98 ng

RT: 10.08 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

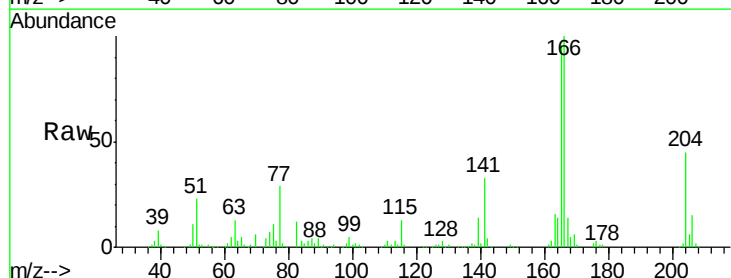
Tgt Ion:204 Resp: 124713

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

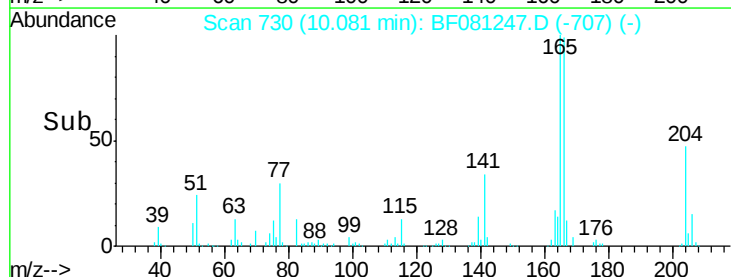
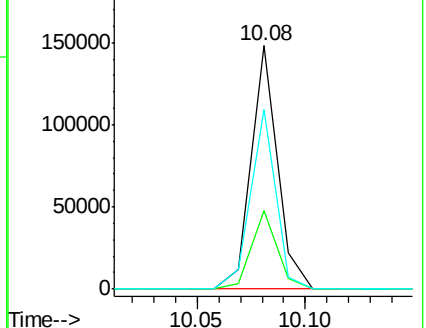
141 73.5 59.6 89.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

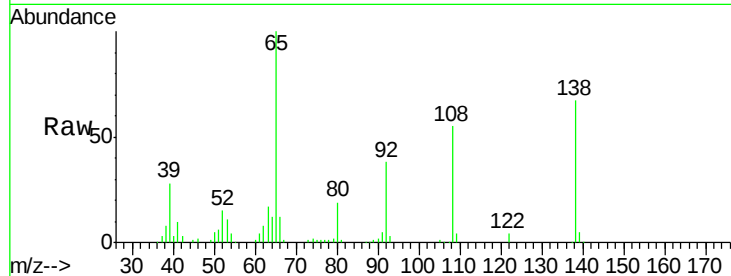




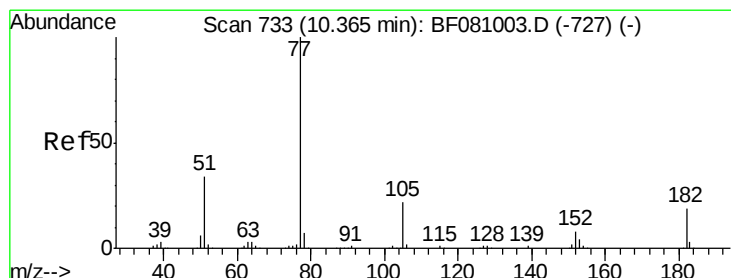
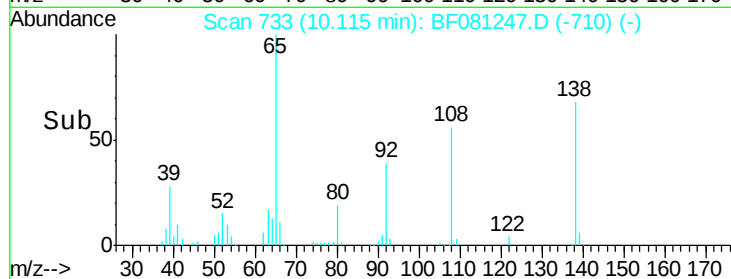
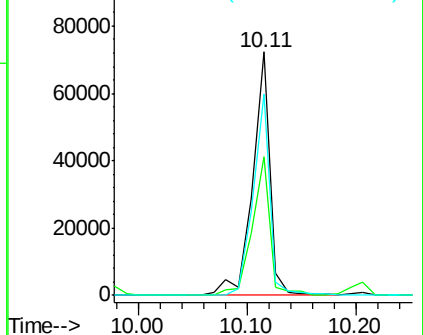
#61
4-Nitroaniline
Concen: 37.91 ng
RT: 10.11 min Scan# 733
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 80903
Ion Ratio Lower Upper
138 100
92 56.9 34.7 74.7
108 82.6 68.9 108.9

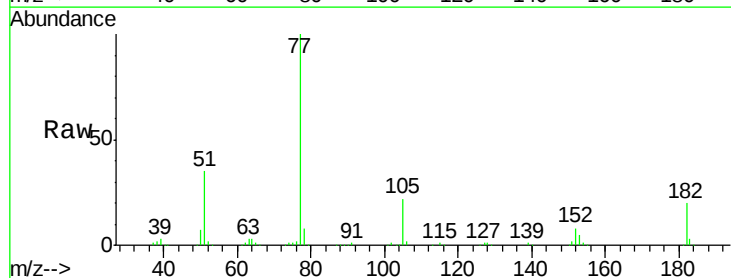


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

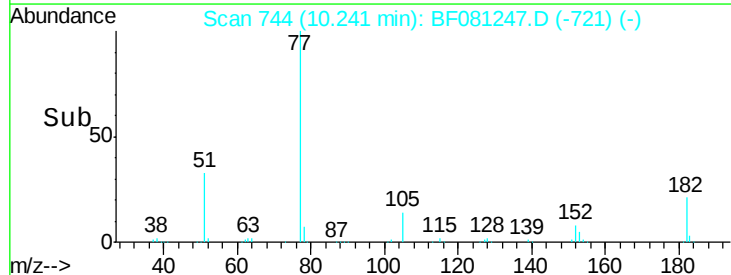
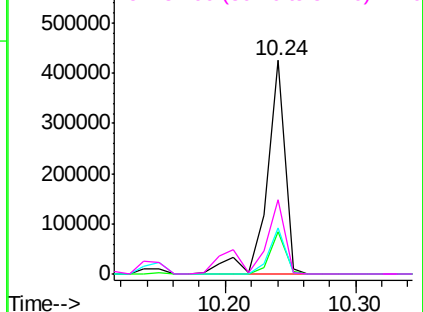


#62
Azobenzene
Concen: 44.45 ng
RT: 10.24 min Scan# 744
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion: 77 Resp: 421410
Ion Ratio Lower Upper
77 100
182 19.6 0.0 39.0
105 21.8 0.2 40.2
51 34.5 18.0 58.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

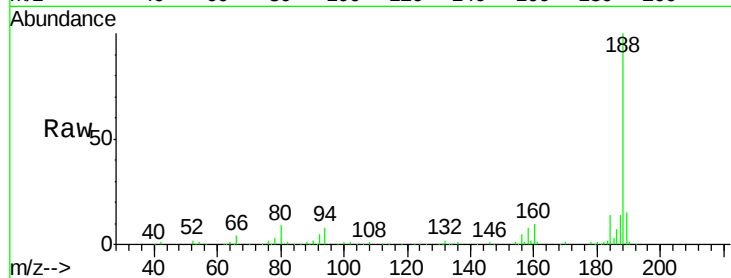




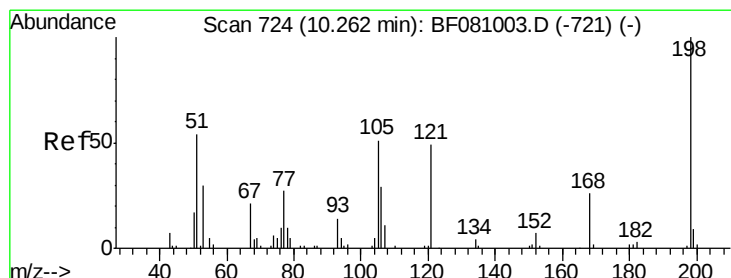
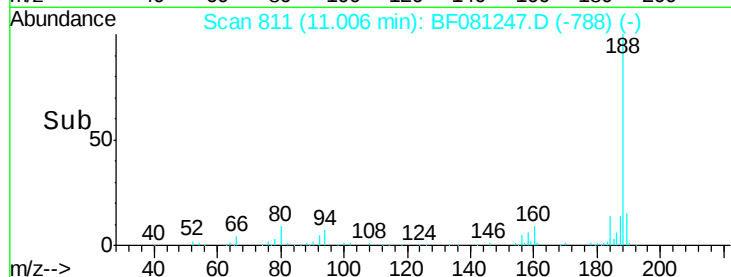
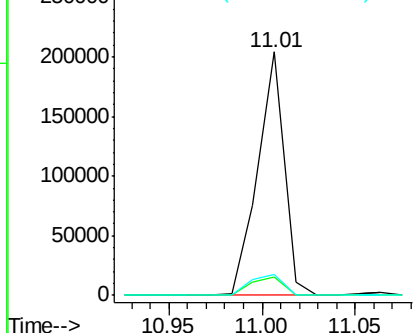
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 811
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 199947
Ion Ratio Lower Upper
188 100
94 7.5 8.2 12.2#
80 8.6 9.5 14.3#

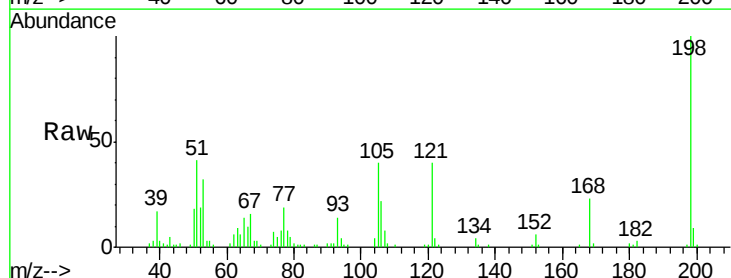


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

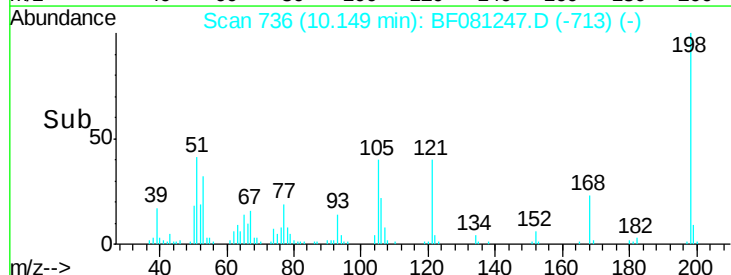
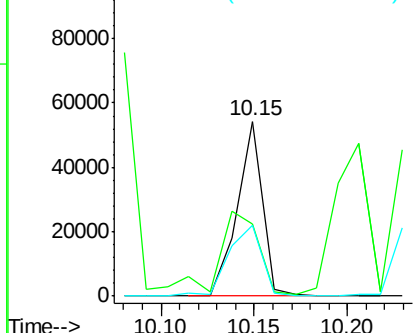


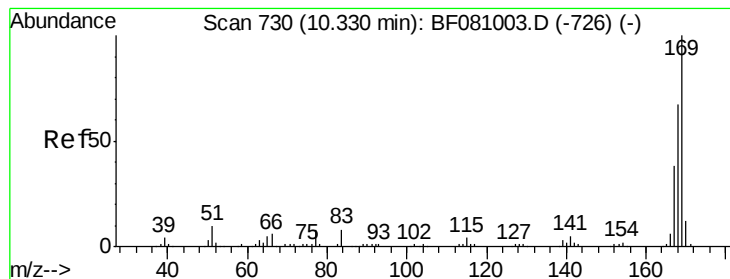
#64
4,6-Dinitro-2-methylphenol
Concen: 43.20 ng
RT: 10.15 min Scan# 736
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion:198 Resp: 51581
Ion Ratio Lower Upper
198 100
51 41.1 79.7 119.7#
105 40.3 47.0 87.0#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

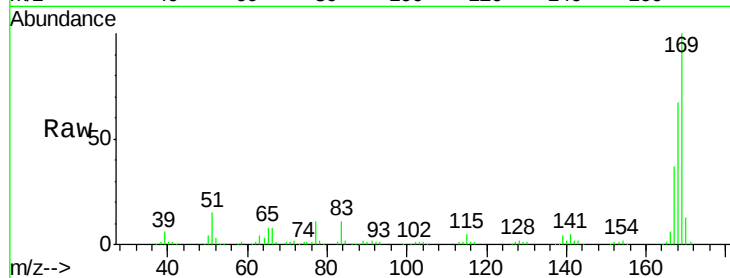




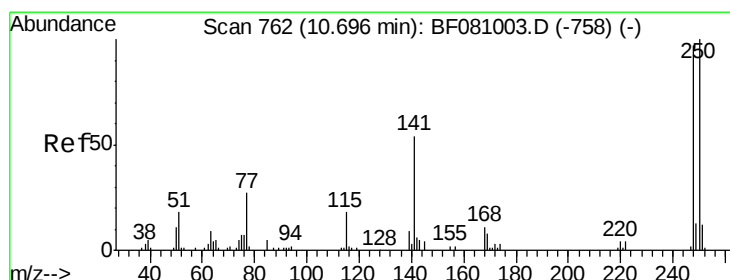
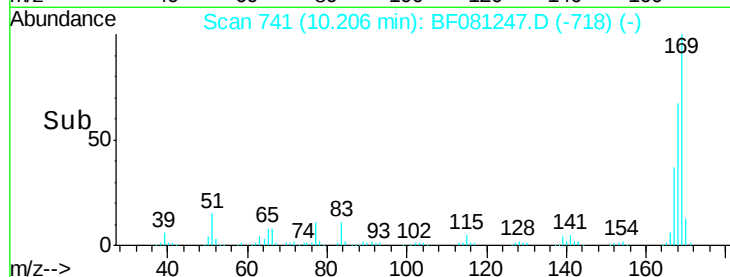
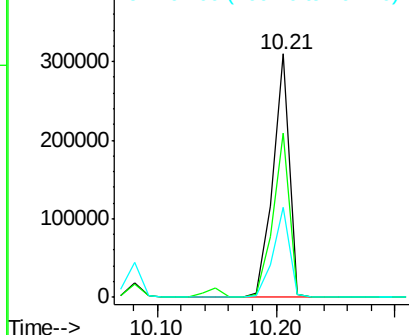
#65
 n-Nitrosodiphenylamine
 Concen: 41.92 ng
 RT: 10.21 min Scan# 741
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	55.3	82.9
167	36.9	30.8	46.2

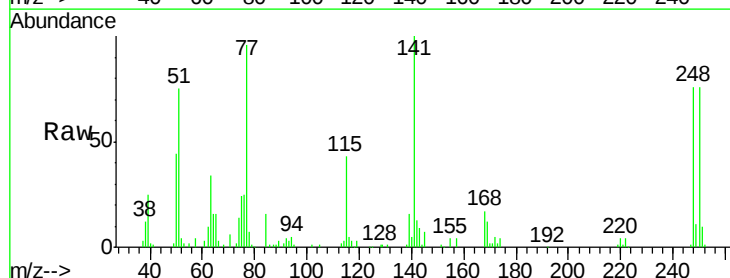


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

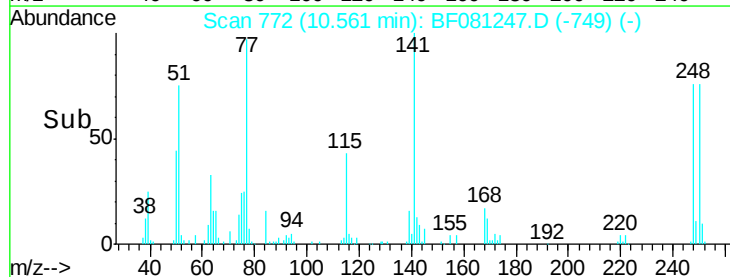
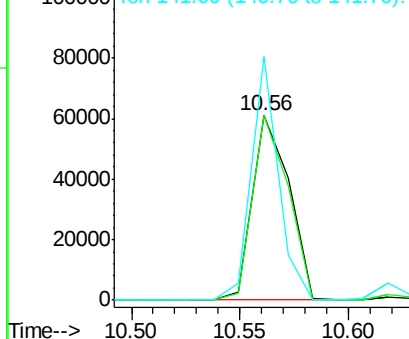


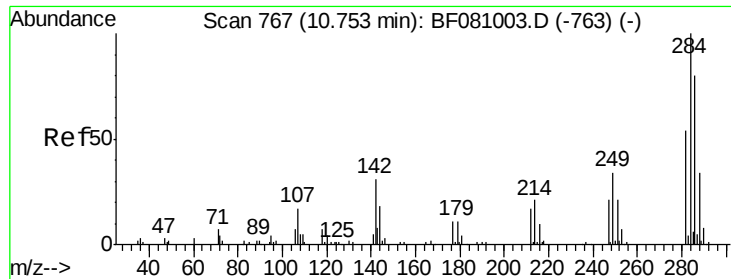
#66
 4-Bromophenyl-phenylether
 Concen: 36.36 ng
 RT: 10.56 min Scan# 772
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.8	116.6
141	131.8	39.8	59.6#



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

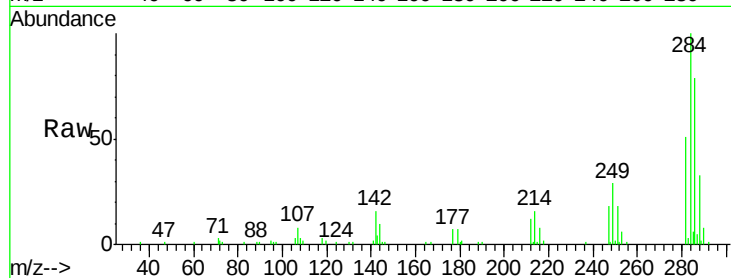




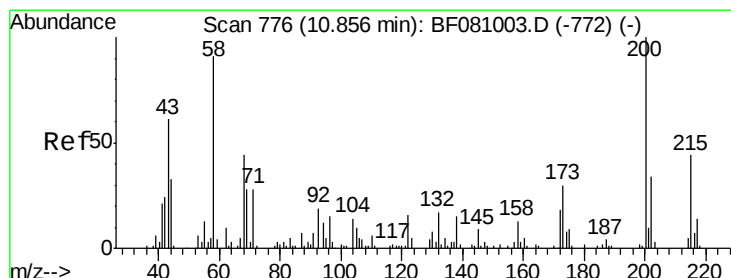
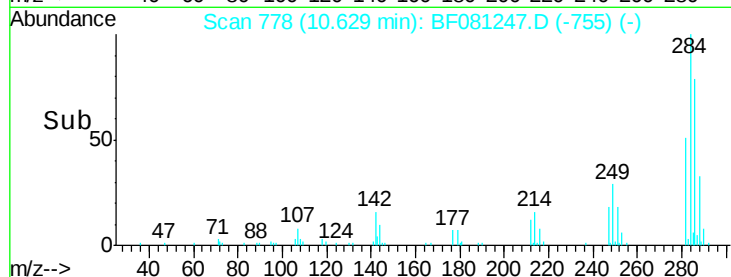
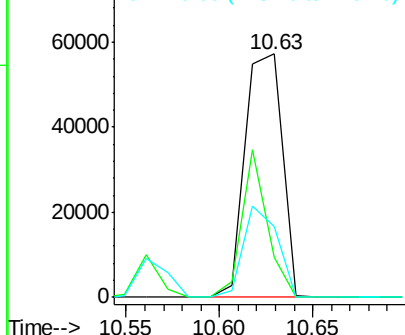
#67
Hexachlorobenzene
Concen: 39.75 ng
RT: 10.63 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 79072
Ion Ratio Lower Upper
284 100
142 16.5 25.4 38.0#
249 28.9 28.5 42.7

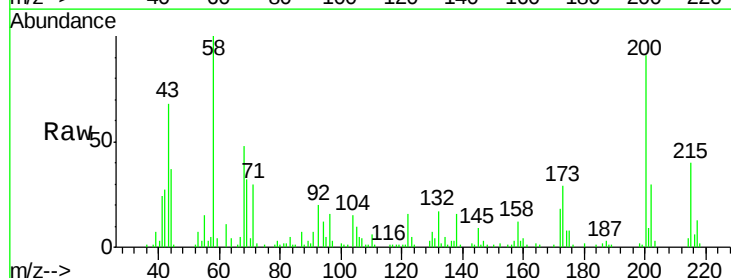


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

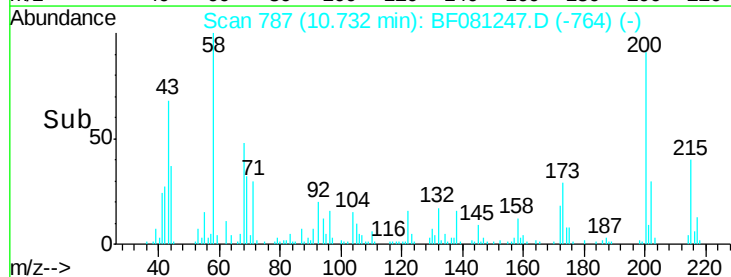
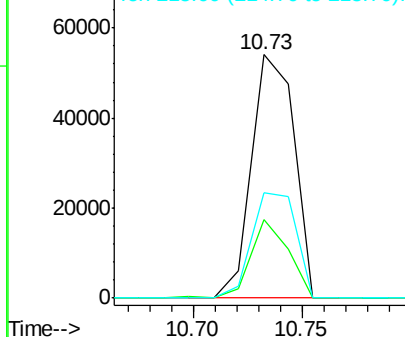


#68
Atrazine
Concen: 37.12 ng
RT: 10.73 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion:200 Resp: 73820
Ion Ratio Lower Upper
200 100
173 32.0 8.1 48.1
215 43.3 23.3 63.3



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

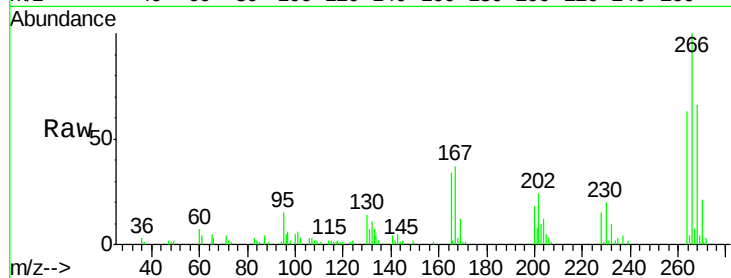




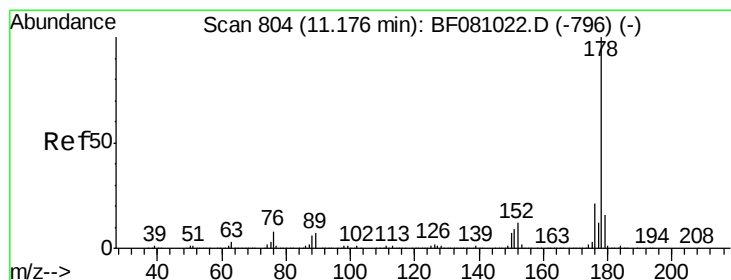
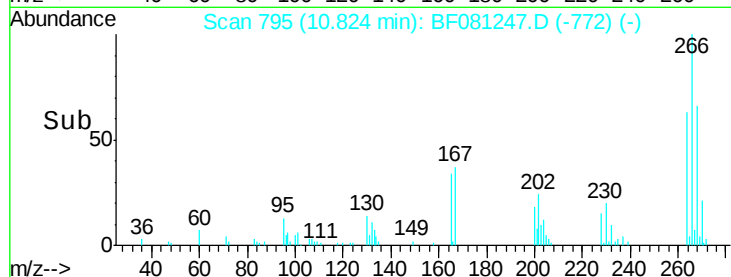
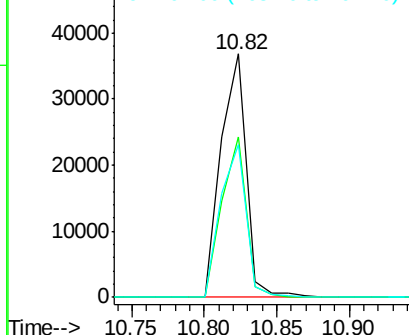
#69
 Pentachlorophenol
 Concen: 37.38 ng
 RT: 10.82 min Scan# 795
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.2	76.8
264	62.6	50.6	75.8

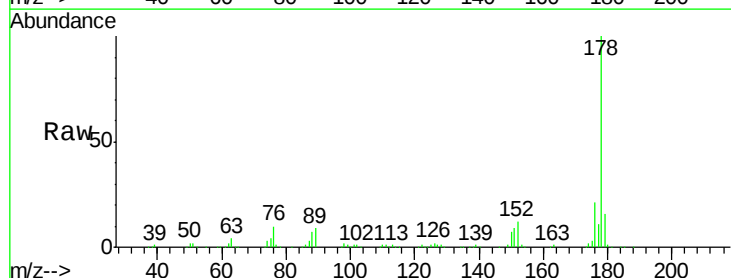


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

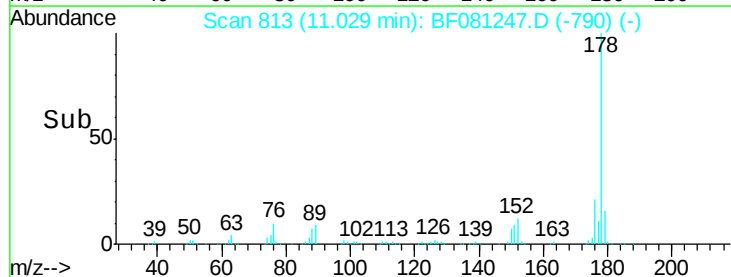
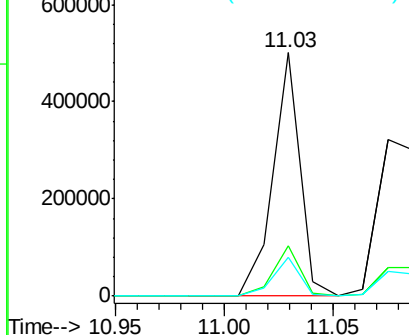


#70
 Phenanthrene
 Concen: 36.95 ng
 RT: 11.03 min Scan# 813
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	15.9	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: 38.26 ng

RT: 11.07 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

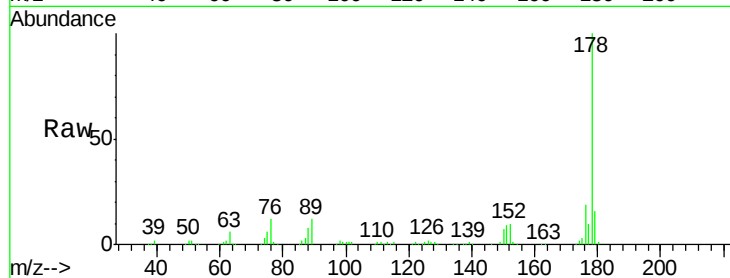
Tot Ion:178 Resp: 441122

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

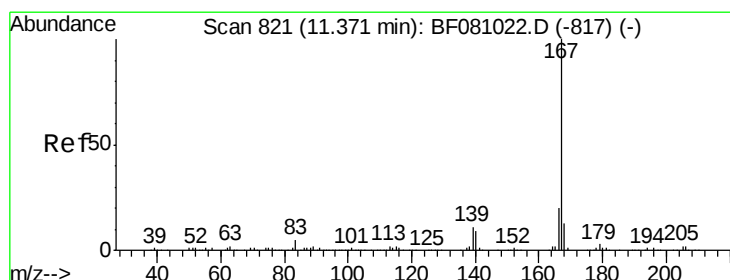
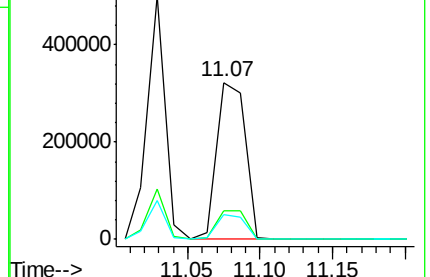
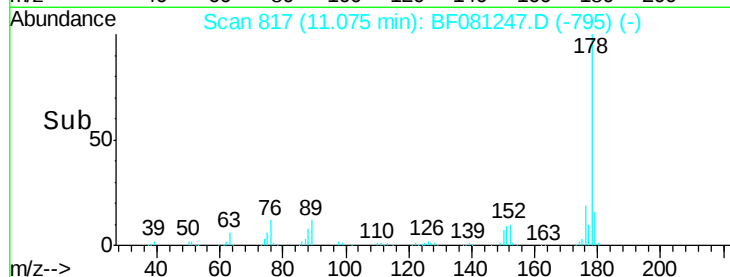
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.66 ng

RT: 11.25 min Scan# 832

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

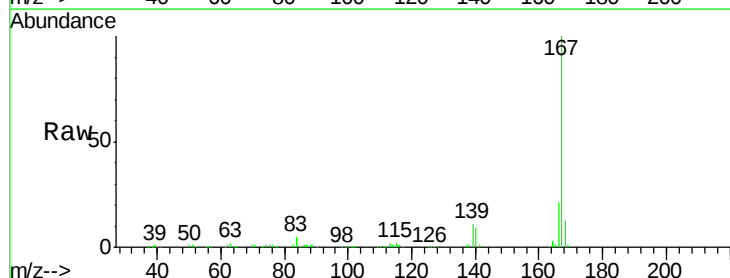
Tgt Ion:167 Resp: 440258

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

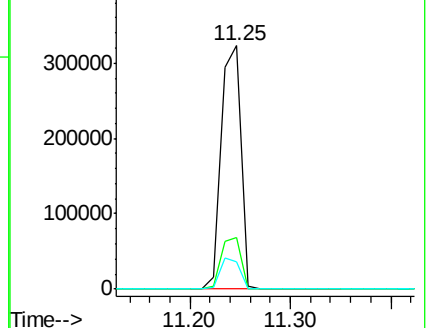
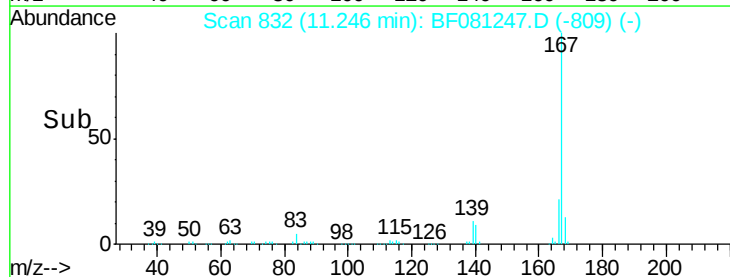
139 11.4 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.55 ng

RT: 11.59 min Scan# 862

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

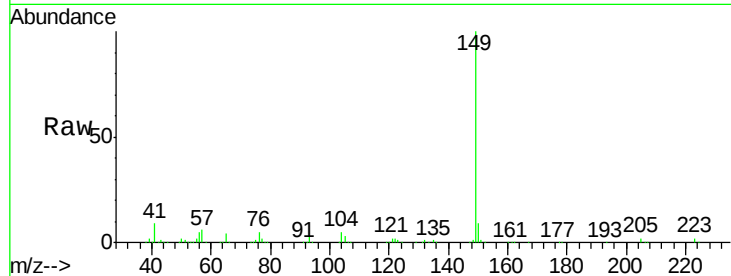
Tot Ion:149 Resp: 571555

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

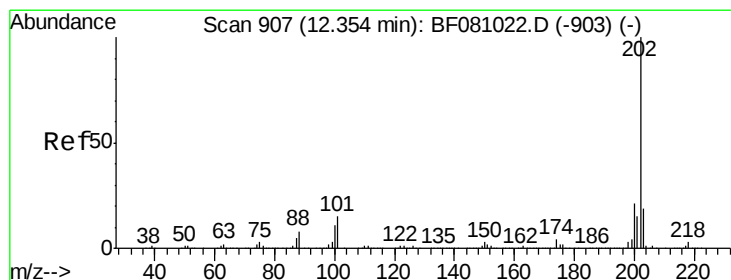
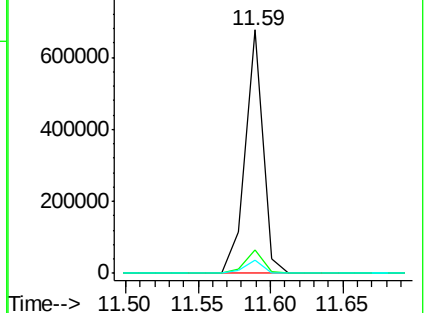
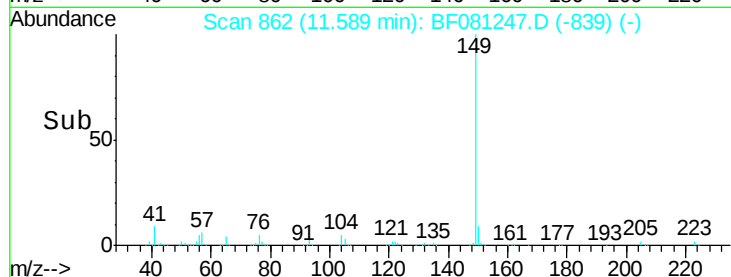
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.03 ng

RT: 12.21 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

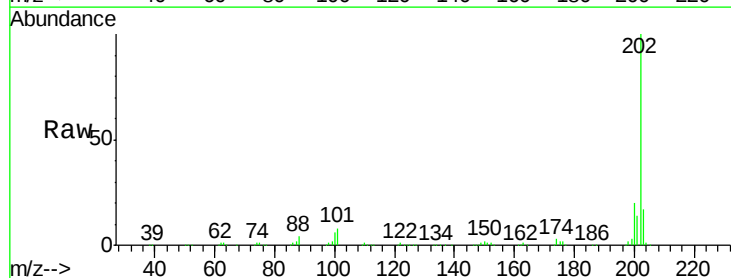
Tgt Ion:202 Resp: 524645

Ion Ratio Lower Upper

202 100

101 7.6 0.0 24.8

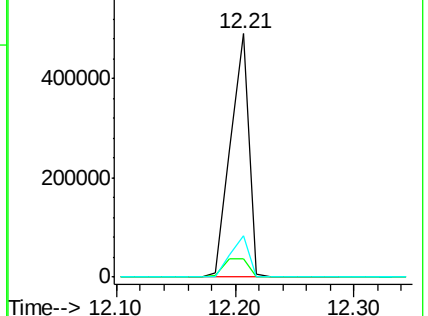
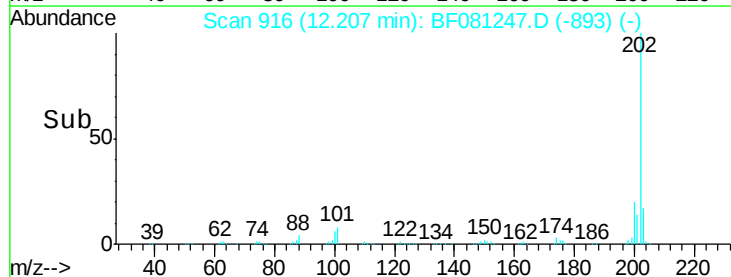
203 17.2 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

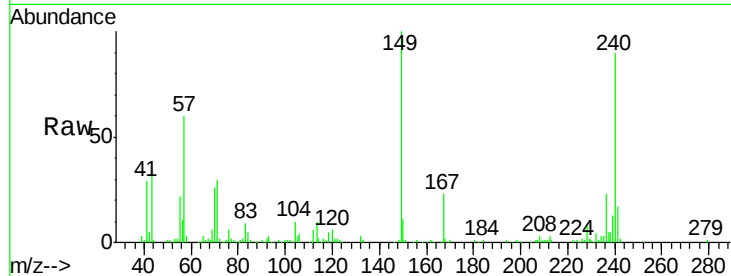
Tot Ion:240 Resp: 148085

Ion Ratio Lower Upper

240 100

120 6.2 5.6 8.4

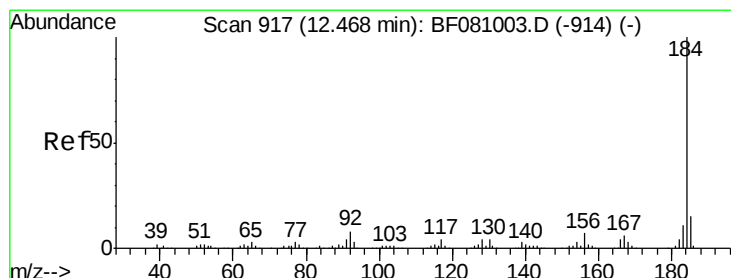
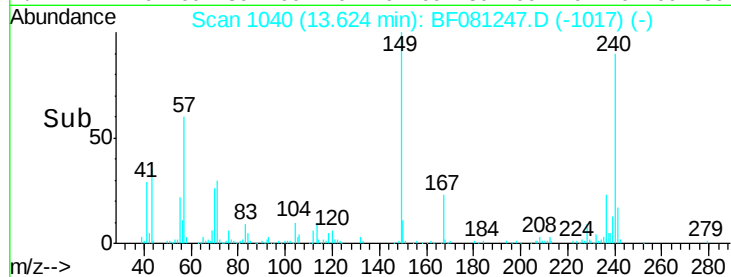
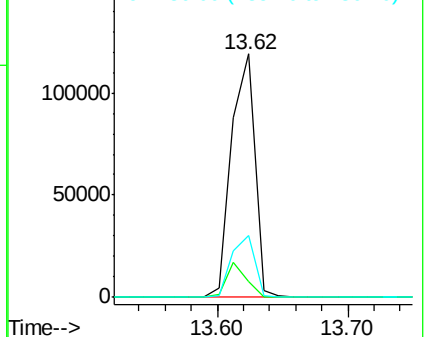
236 25.6 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.63 ng

RT: 12.33 min Scan# 927

Delta R.T. -0.05 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

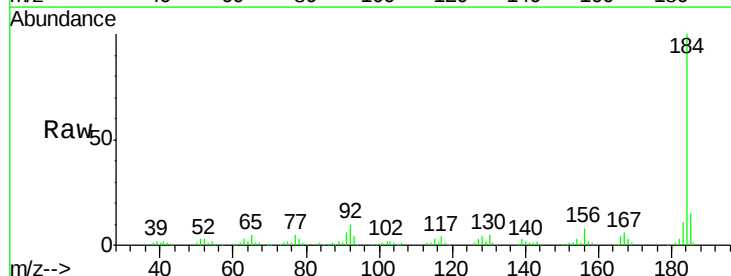
Tgt Ion:184 Resp: 193716

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

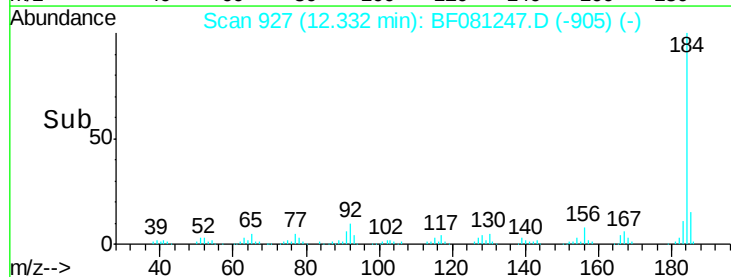
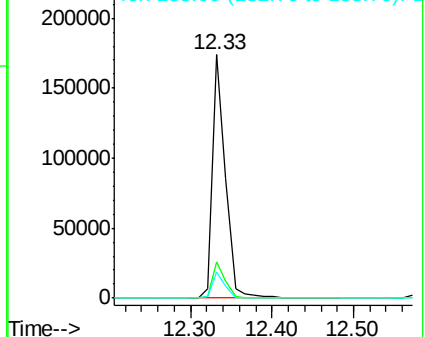
183 10.7 8.9 13.3

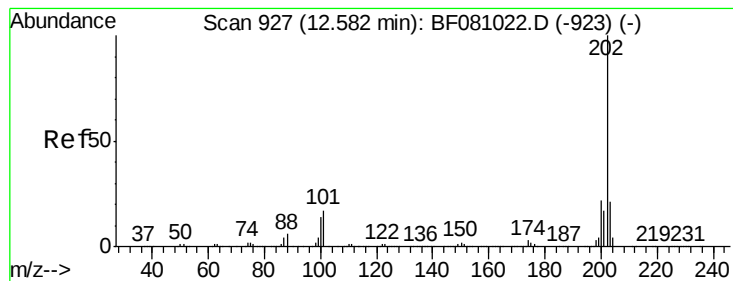


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.49 ng

RT: 12.42 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

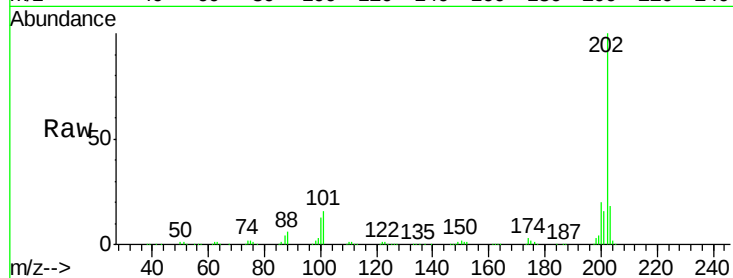
Tot Ion:202 Resp: 451308

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

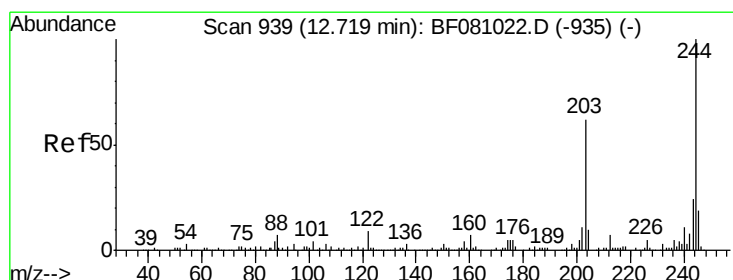
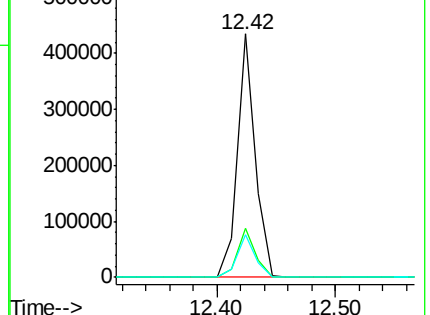
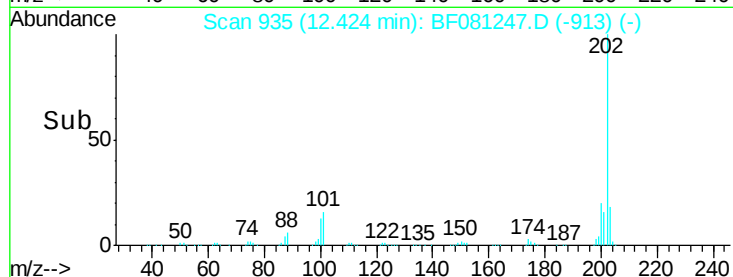
203 17.7 14.1 21.1



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: 79.71 ng

RT: 12.58 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

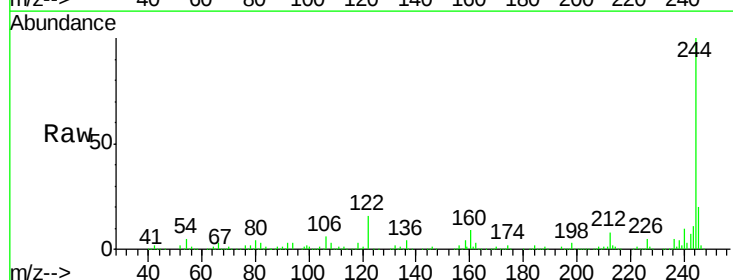
Tgt Ion:244 Resp: 550619

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

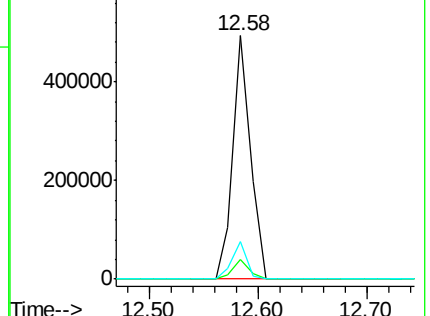
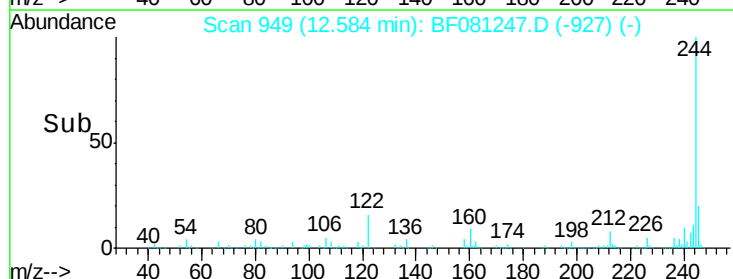
122 15.6 8.2 12.4#

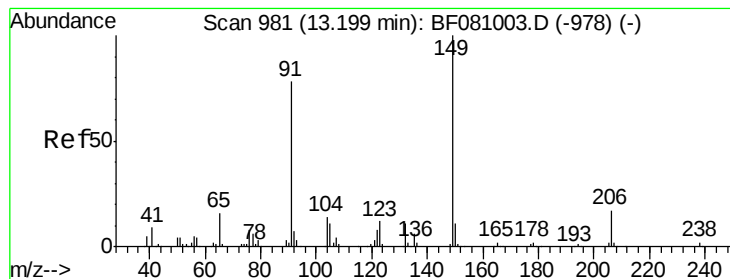


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.20 ng

RT: 13.06 min Scan# 991

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

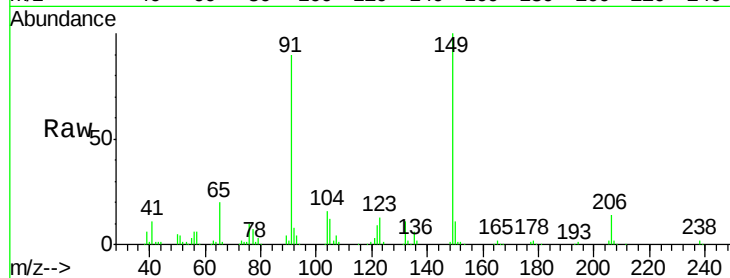
Tot Ion:149 Resp: 228730

Ion Ratio Lower Upper

149 100

91 90.3 46.9 70.3#

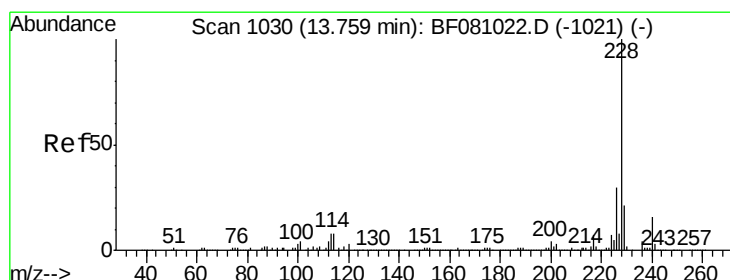
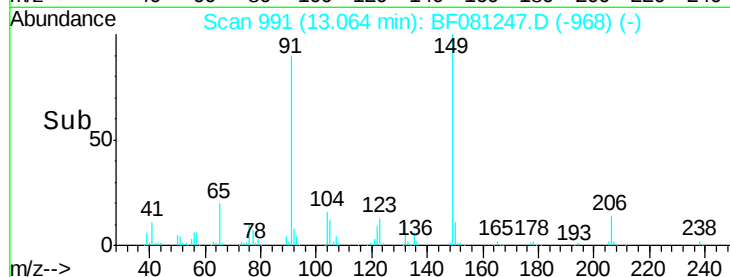
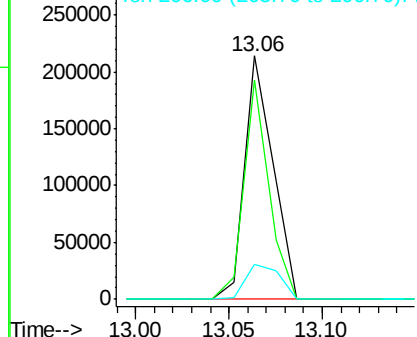
206 14.3 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.96 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

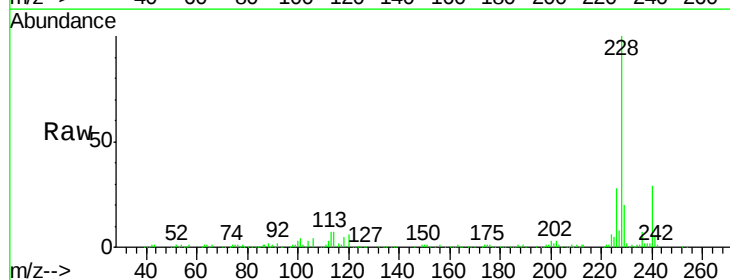
Tgt Ion:228 Resp: 426672

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

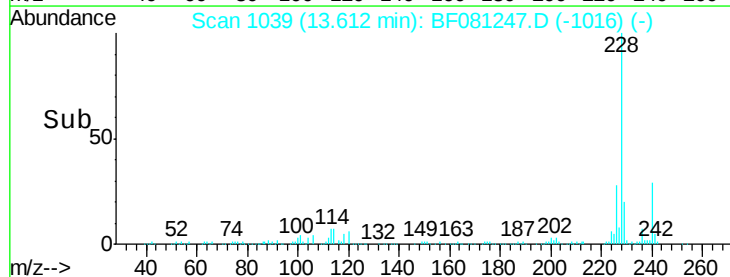
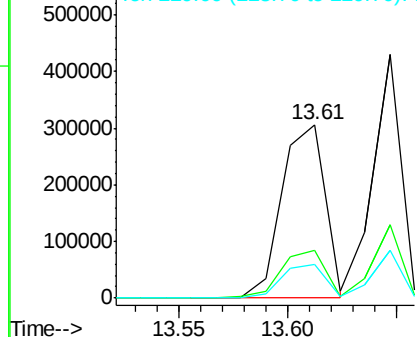
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

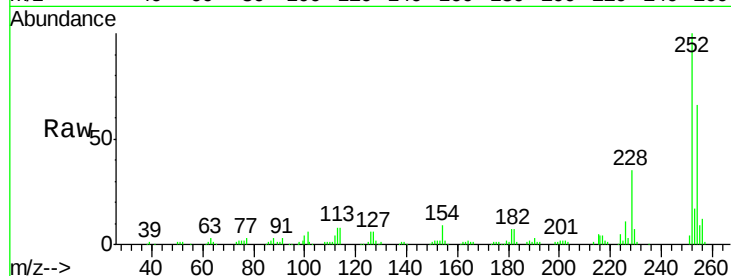




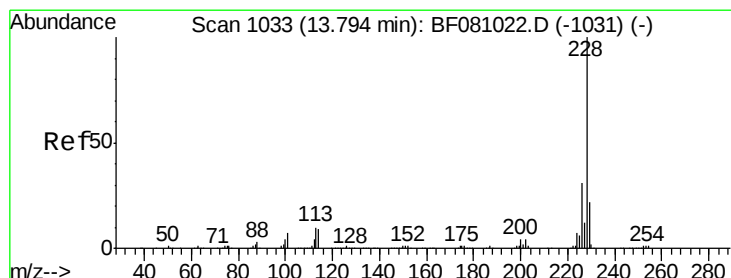
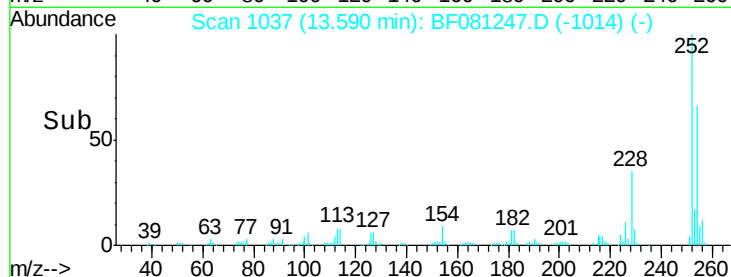
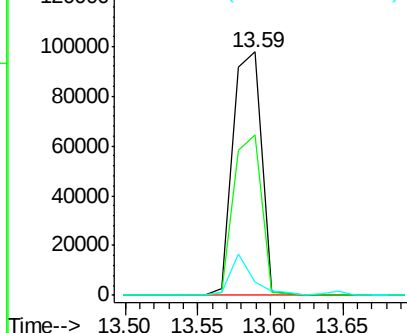
#81
 3,3'-Dichlorobenzidine
 Concen: 41.60 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 133834
 Ion Ratio Lower Upper
 252 100
 254 65.8 51.5 77.3
 126 5.6 12.5 18.7#

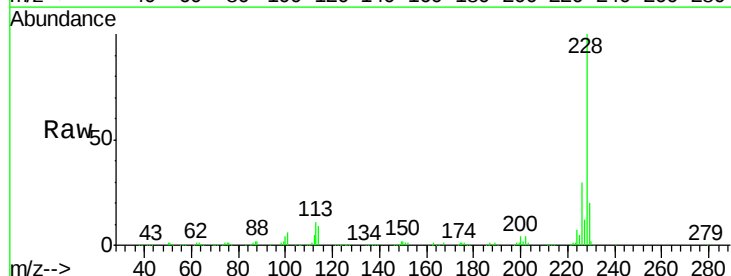


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

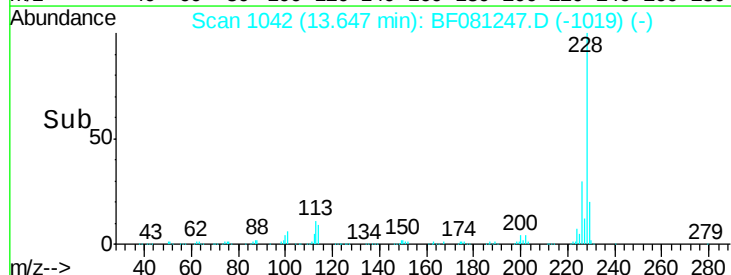
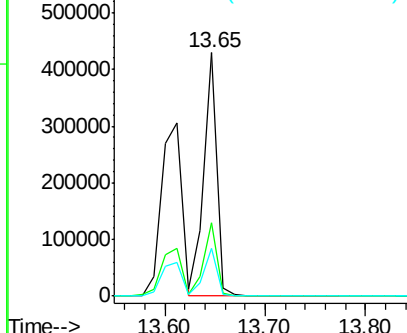


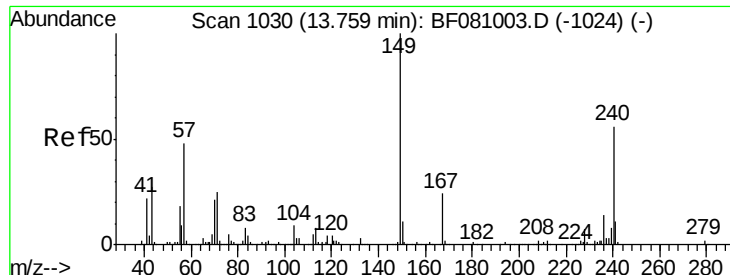
#82
 Chrysene
 Concen: 43.54 ng
 RT: 13.65 min Scan# 1042
 Delta R.T. -0.04 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion:228 Resp: 389649
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.4 36.6
 229 19.8 16.0 24.0



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: 52.66 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

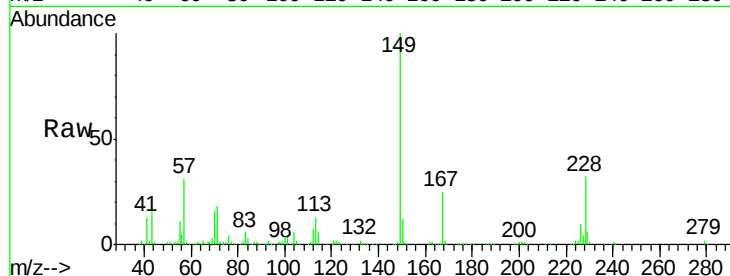
Tot Ion:149 Resp: 349008

Ion Ratio Lower Upper

149 100

167 25.1 20.7 31.1

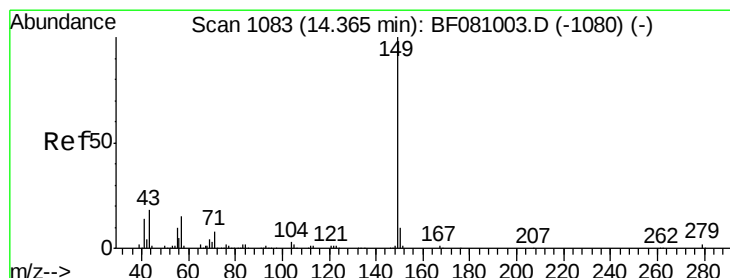
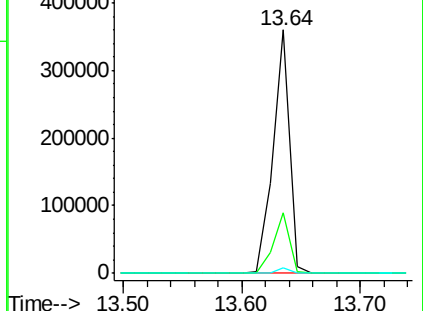
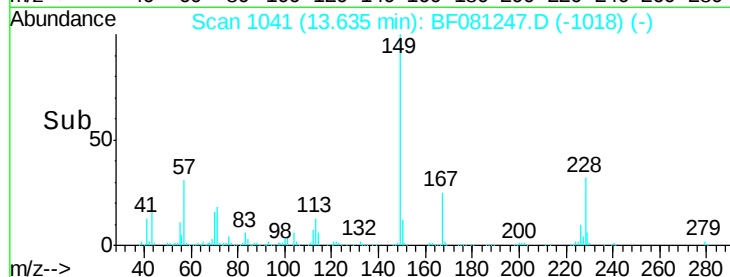
279 2.5 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.53 ng

RT: 14.24 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

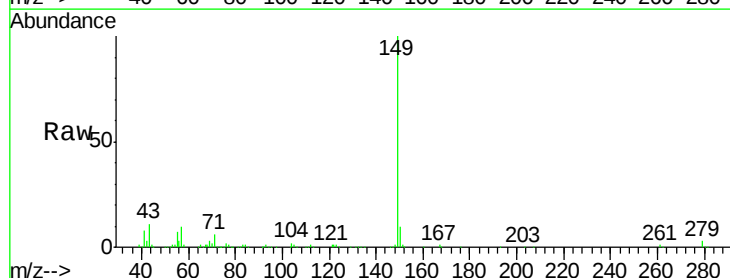
Tgt Ion:149 Resp: 539269

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

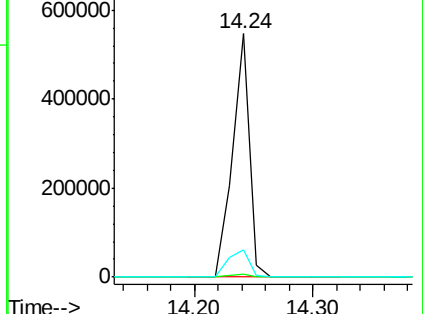
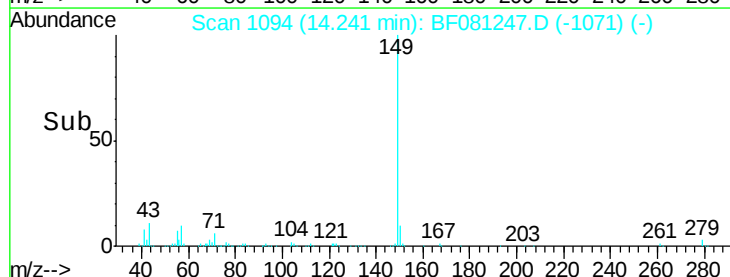
43 14.1 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

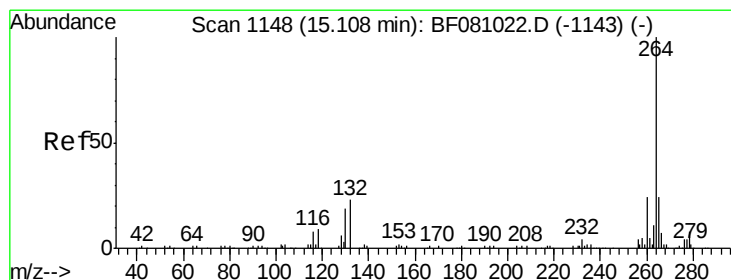
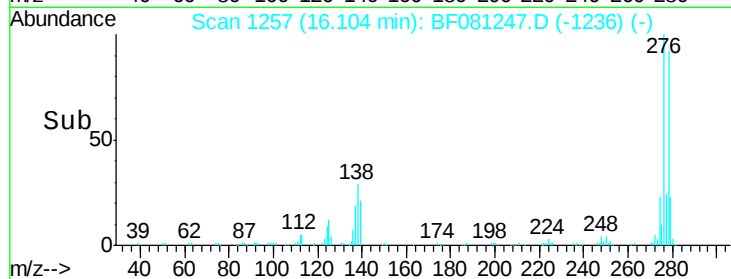
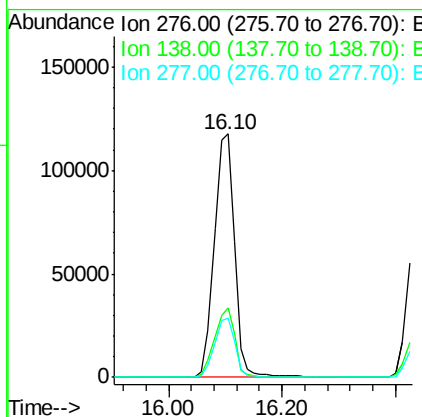
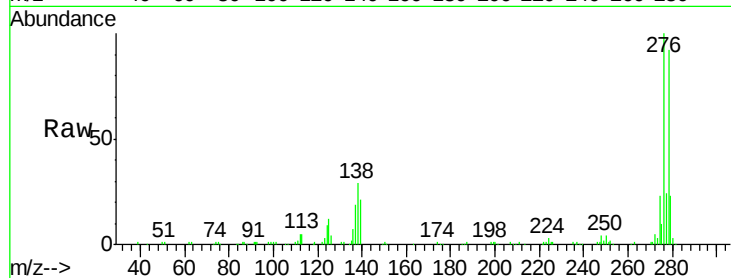




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.21 ng
 RT: 16.10 min Scan# 1257
 Delta R.T. -0.06 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

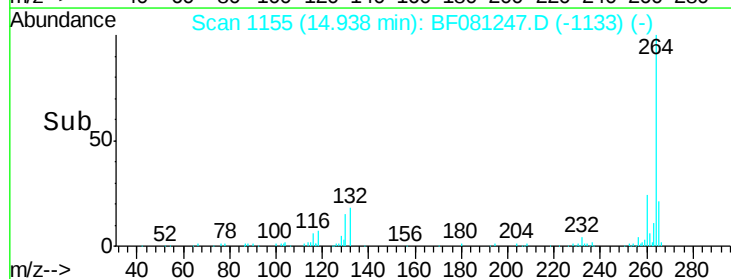
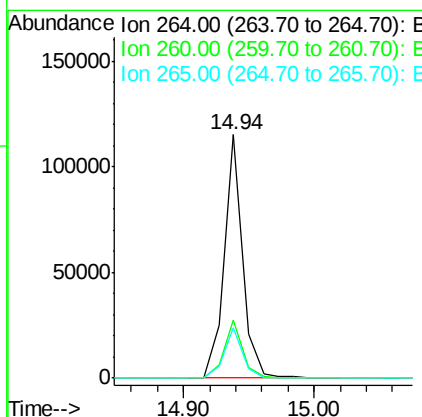
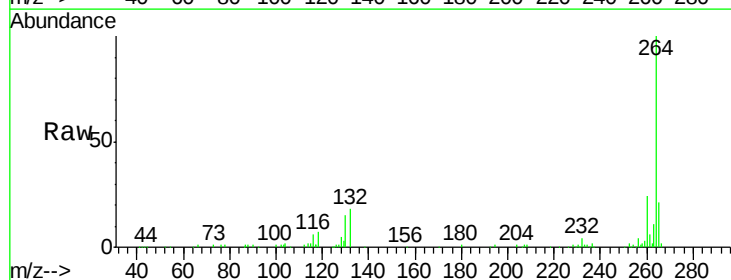
Instrument :
 BNA_F
 ClientSampleId :

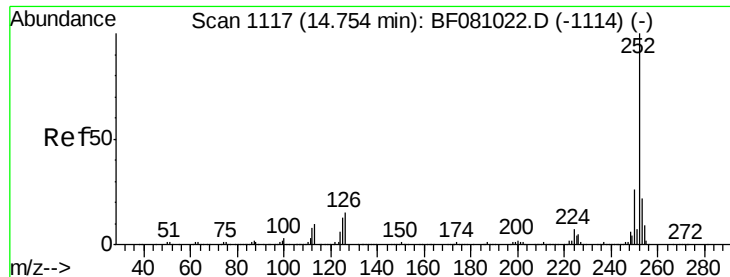
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	18.6	28.0#
277	24.4	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 78.00 ng

RT: 14.60 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

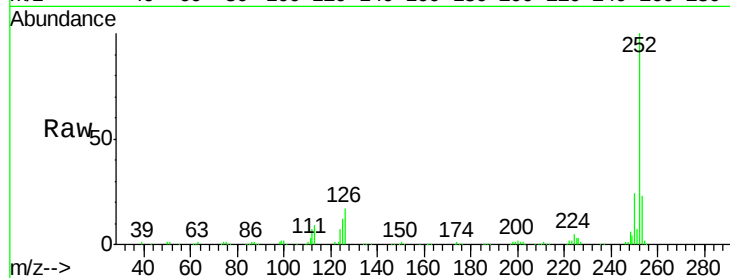
Tot Ion:252 Resp: 624679

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

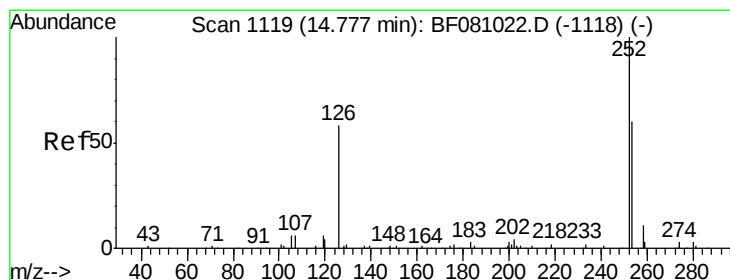
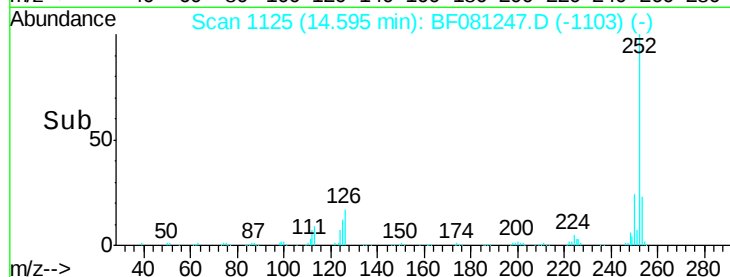
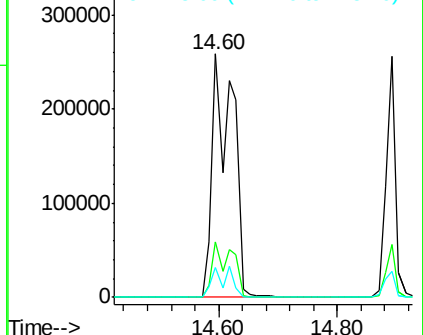
125 12.3 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.71 ng

RT: 14.60 min Scan# 1125

Delta R.T. -0.07 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

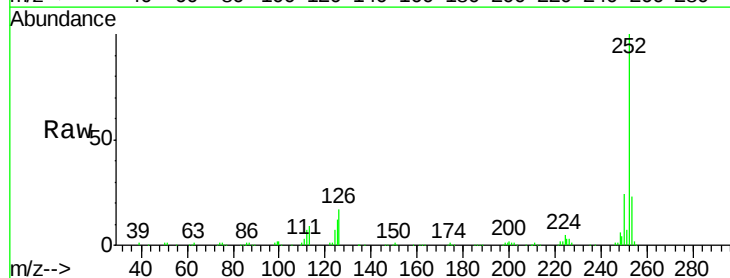
Tgt Ion:252 Resp: 624679

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

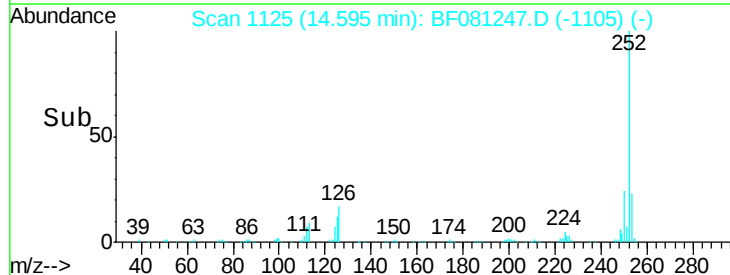
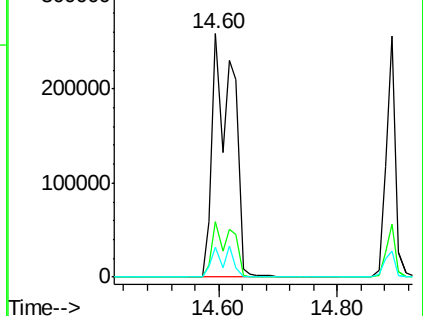
125 12.3 10.3 15.5

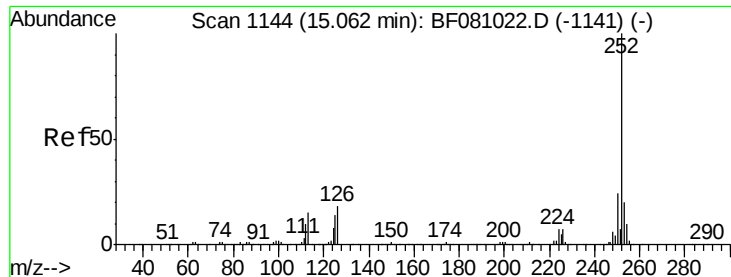


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.53 ng

RT: 14.89 min Scan# 1151

Delta R.T. -0.05 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

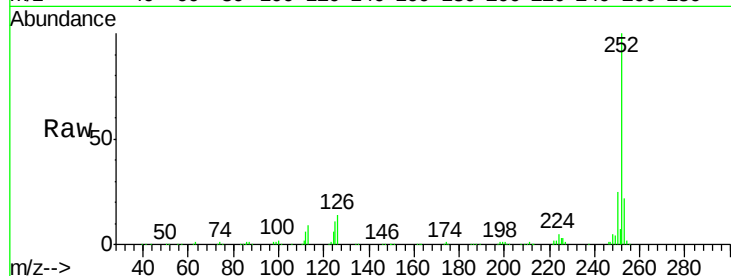
Tot Ion:252 Resp: 289791

Ion Ratio Lower Upper

252 100

253 22.2 16.6 25.0

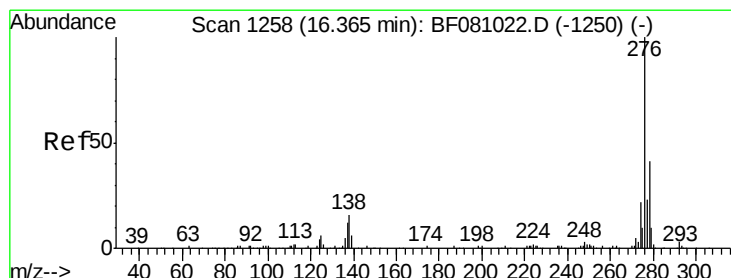
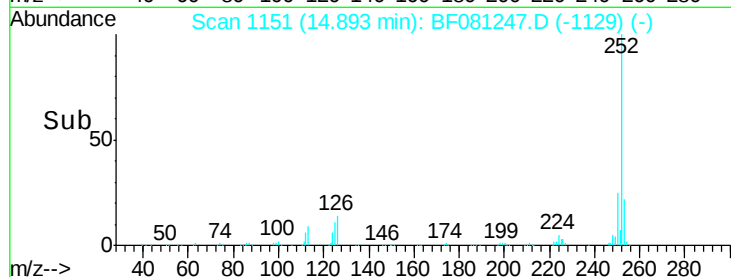
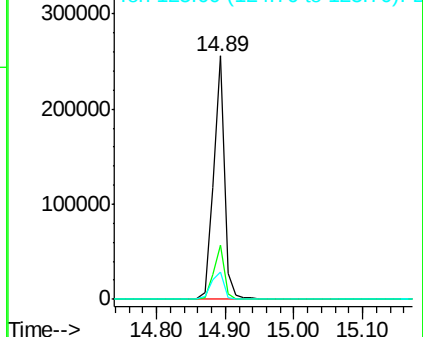
125 11.0 7.8 11.8



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: 44.52 ng

RT: 16.12 min Scan# 1258

Delta R.T. -0.07 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

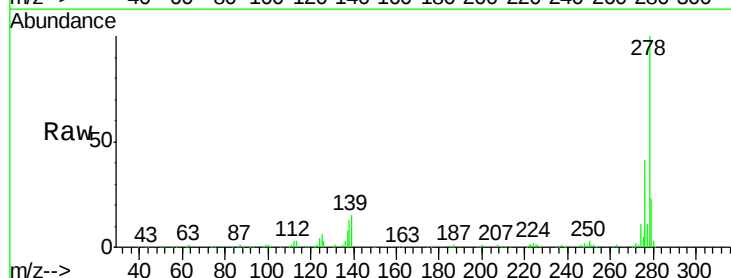
Tgt Ion:278 Resp: 242071

Ion Ratio Lower Upper

278 100

139 15.3 10.8 16.2

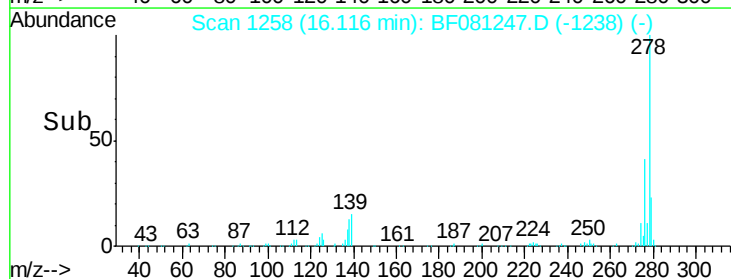
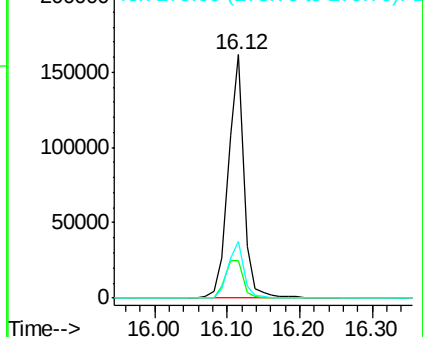
279 23.3 19.0 28.6



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

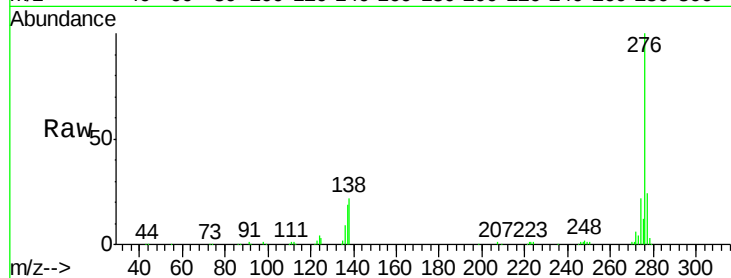




#91
 Benzo(a,h,i)perylene
 Concen: 43.13 ng
 RT: 16.45 min Scan# 1287
 Delta R.T. -0.07 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.2	27.2
138	21.7	13.7	20.5



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

