

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081348.D
 Acq On : 2 Sep 2015 14:58
 Operator : UM/IZ
 Sample : G3480-19MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Quant Time: Sep 02 23:02:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	63347	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	242428	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	107755	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	212978	20.00	ng	0.00
75) Chrysene-d12	13.50	240	162508	20.00	ng	0.00
86) Perylene-d12	14.80	264	116229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.94	112	317465	77.75	ng	0.01
7) Phenol-d6	6.06	99	501164	92.73	ng	0.00
23) Nitrobenzene-d5	6.97	82	309626	61.62	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	96785	100.88	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	504532	60.00	ng	0.00
78) Terphenyl-d14	12.47	244	434328	62.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	37035	20.20	ng	# 86
4) n-Nitrosodimethylamine	2.30	42	72099	25.67	ng	# 78
6) Aniline	6.06	93	20237	2.65	ng	# 1
8) 2-Chlorophenol	6.17	128	124352	27.64	ng	# 87
9) Benzaldehyde	5.92	77	22219	6.56	ng	# 71
10) Phenol	6.07	94	178837	28.53	ng	# 67
11) bis(2-Chloroethyl)ether	6.14	93	115980	25.65	ng	# 86
12) 1,3-Dichlorobenzene	6.32	146	116890	24.32	ng	# 86
13) 1,4-Dichlorobenzene	6.40	146	116270	23.76	ng	# 86
14) 1,2-Dichlorobenzene	6.56	146	118816	26.96	ng	# 92
15) Benzyl Alcohol	6.55	79	121772	27.47	ng	# 68
16) 2,2'-oxybis(1-Chloropropan	6.70	45	250688	28.92	ng	# 92
17) 2-Methylphenol	6.68	107	101967	28.40	ng	# 78
18) Hexachloroethane	6.90	117	49578	26.04	ng	# 83
19) n-Nitroso-di-n-propylamine	6.83	70	98408	26.75	ng	# 82
20) 3+4-Methylphenols	6.84	107	137031	28.31	ng	# 88
22) Acetophenone	6.81	105	184465	27.86	ng	# 73
24) Nitrobenzene	6.98	77	137586	26.37	ng	# 63
25) Isophorone	7.23	82	255635	27.35	ng	# 86
26) 2-Nitrophenol	7.30	139	61370	26.98	ng	# 36
27) 2,4-Dimethylphenol	7.37	122	107685	27.41	ng	# 84
28) bis(2-Chloroethoxy)methane	7.46	93	147538	27.33	ng	# 94
29) 2,4-Dichlorophenol	7.55	162	100229	29.42	ng	# 96
30) 1,2,4-Trichlorobenzene	7.62	180	96633	26.11	ng	# 97
31) Naphthalene	7.70	128	371859	28.76	ng	# 99
32) Benzoic acid	7.46	122	8277	5.34	ng	# 49
33) 4-Chloroaniline	7.76	127	42135	7.99	ng	# 74
34) Hexachlorobutadiene	7.83	225	62308	27.67	ng	# 98
35) Caprolactam	8.18	113	10980	10.51	ng	# 36
36) 4-Chloro-3-methylphenol	8.26	107	119208	31.27	ng	# 82
37) 2-Methylnaphthalene	8.39	142	218816	26.01	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	103014	30.23	ng	# 98
40) Hexachlorocyclopentadiene	8.55	237	90956	54.39	ng	# 96
42) 2,4,6-Trichlorophenol	8.67	196	64875	27.58	ng	# 96

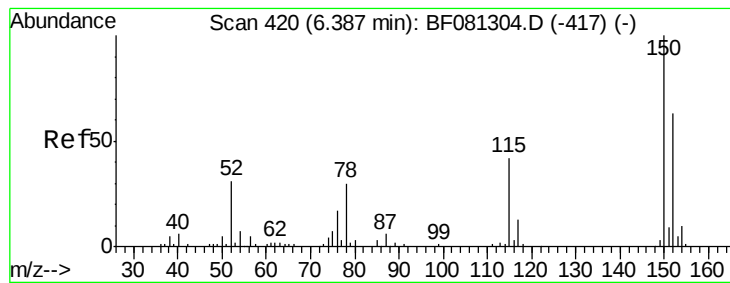
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081348.D
 Acq On : 2 Sep 2015 14:58
 Operator : UM/IZ
 Sample : G3480-19MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Quant Time: Sep 02 23:02:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.72	196	69117	28.81	nq	# 93
45) 1,1'-Biphenyl	8.86	154	293708	29.63	nq	97
46) 2-Chloronaphthalene	8.87	162	192201	26.85	nq	# 85
47) 2-Nitroaniline	8.98	65	95191	32.62	nq	# 72
48) Acenaphthylene	9.28	152	342880	27.00	nq	97
49) Dimethylphthalate	9.18	163	335285	40.05	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	50979	26.83	nq	94
51) Acenaphthene	9.45	154	199186	27.57	nq	89
52) 3-Nitroaniline	9.39	138	49947	23.09	nq	# 82
53) 2,4-Dinitrophenol	9.50	184	24734	30.90	nq	# 15
54) Dibenzofuran	9.62	168	310179	29.40	nq	# 85
55) 4-Nitrophenol	9.58	139	89076	65.54	nq	# 21
56) 2,4-Dinitrotoluene	9.62	165	65067	26.89	nq	# 2
57) Fluorene	9.96	166	245532	30.67	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.75	232	56588	30.89	nq	# 90
59) Diethylphthalate	9.86	149	252638	28.69	nq	93
60) 4-Chlorophenyl-phenylether	9.96	204	116081	31.11	nq	# 85
61) 4-Nitroaniline	10.00	138	63300	28.96	nq	# 39
62) Azobenzene	10.12	77	308334	31.49	nq	91
64) 4,6-Dinitro-2-methylphenol	10.03	198	25775	21.64	nq	# 74
65) n-Nitrosodiphenylamine	10.09	169	221112	28.53	nq	91
66) 4-Bromophenyl-phenylether	10.44	248	60005	27.86	nq	# 82
67) Hexachlorobenzene	10.50	284	64724	28.75	nq	# 90
68) Atrazine	10.63	200	48403	21.58	nq	84
69) Pentachlorophenol	10.71	266	60351	57.78	nq	98
70) Phenanthrene	10.90	178	328187	27.72	nq	98
71) Anthracene	10.96	178	355720	29.24	nq	98
72) Carbazole	11.12	167	302779	26.52	nq	95
73) Di-n-butylphthalate	11.47	149	369984	27.45	nq	# 98
74) Fluoranthene	12.08	202	334218	26.07	nq	93
77) Pyrene	12.30	202	361666	30.04	nq	98
79) Butylbenzylphthalate	12.95	149	149371	28.53	nq	# 69
80) Benzo(a)anthracene	13.49	228	278781	26.94	nq	97
81) 3,3'-Dichlorobenzidine	13.46	252	57655	16.52	nq	# 92
82) Chrysene	13.52	228	273709	29.50	nq	96
83) Bis(2-ethylhexyl)phthalate	13.52	149	208768	30.22	nq	# 90
84) Di-n-octyl phthalate	14.13	149	331888	29.17	nq	95
85) Indeno(1,2,3-cd)pyrene	15.89	276	171261	25.16	nq	# 87
87) Benzo(b)fluoranthene	14.47	252	401094	48.34	nq	# 89
88) Benzo(k)fluoranthene	14.47	252	401094	58.25	nq	# 89
89) Benzo(a)pyrene	14.75	252	198829	28.28	nq	# 84
90) Dibenzo(a,h)anthracene	15.90	278	145725	26.82	nq	# 80
91) Benzo(g,h,i)perylene	16.21	276	138881	26.78	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

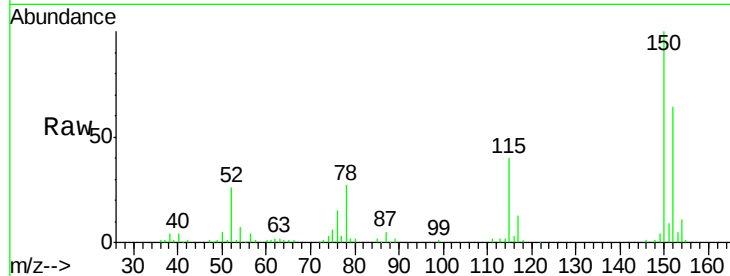
Tot Ion:152 Resp: 63347

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

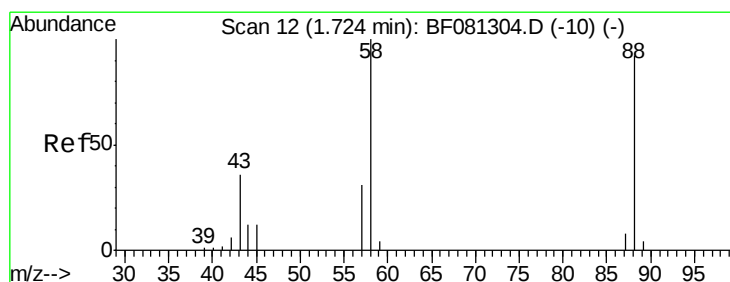
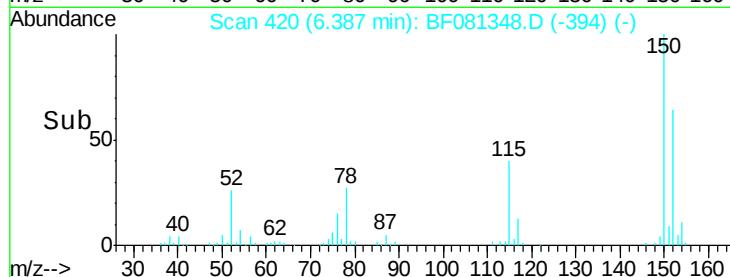
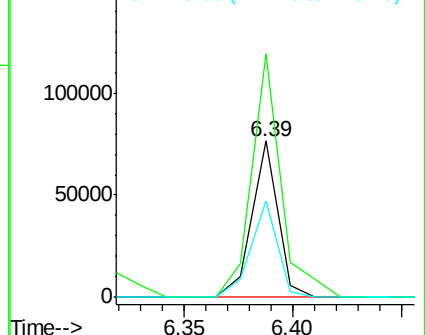
115 62.0 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.20 ng

RT: 1.79 min Scan# 18

Delta R.T. 0.07 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

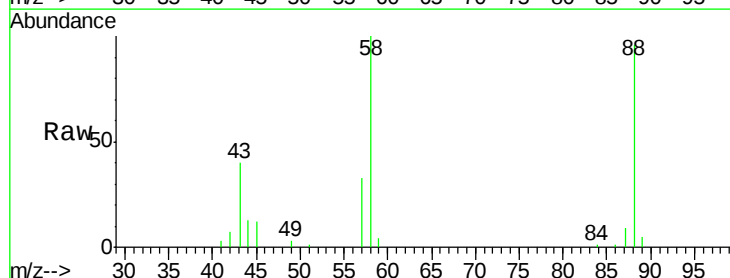
Tgt Ion: 88 Resp: 37035

Ion Ratio Lower Upper

88 100

58 106.6 77.7 116.5

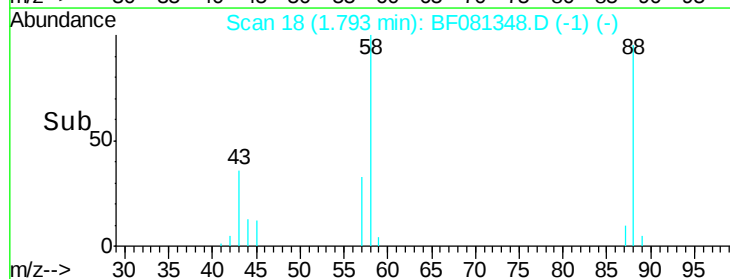
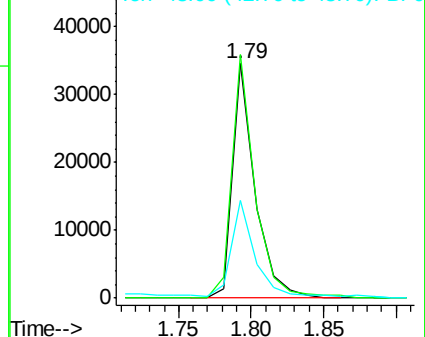
43 47.9 26.6 40.0#

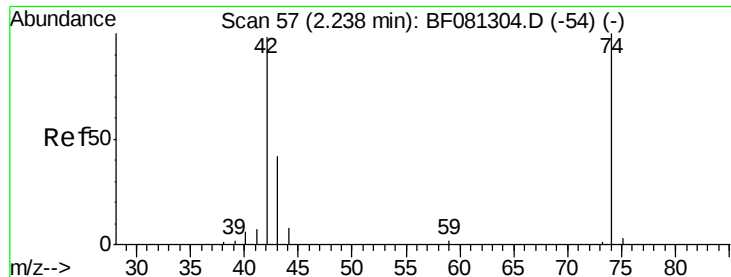


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 25.67 ng

RT: 2.30 min Scan# 62

Delta R.T. 0.06 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

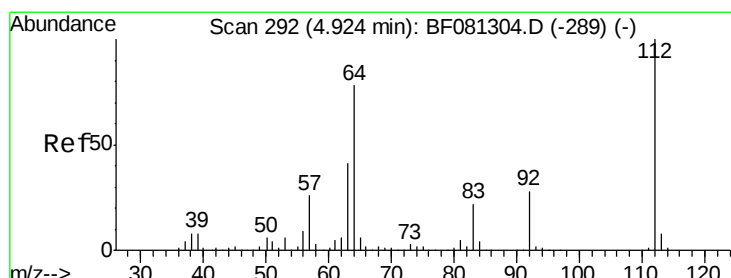
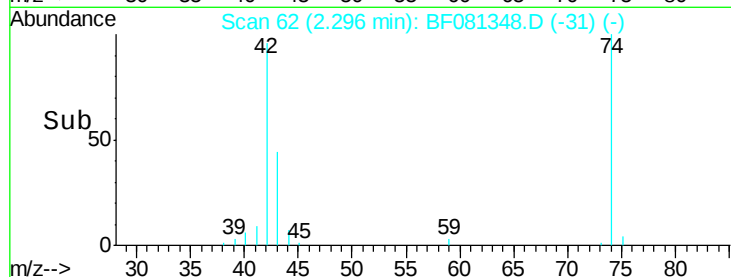
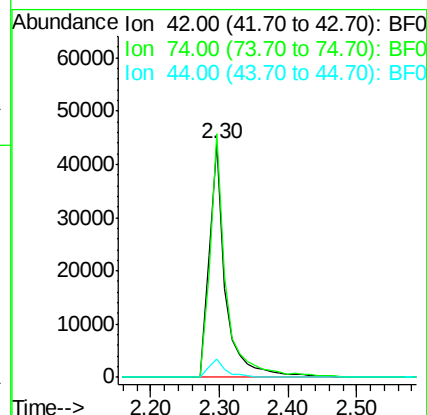
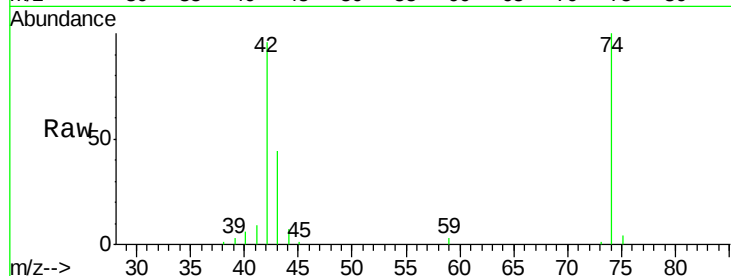
Tot Ion: 42 Resp: 72099

Ion Ratio Lower Upper

42 100

74 104.1 105.0 157.6#

44 7.7 6.6 10.0



#5

2-Fluorophenol

Concen: 77.75 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

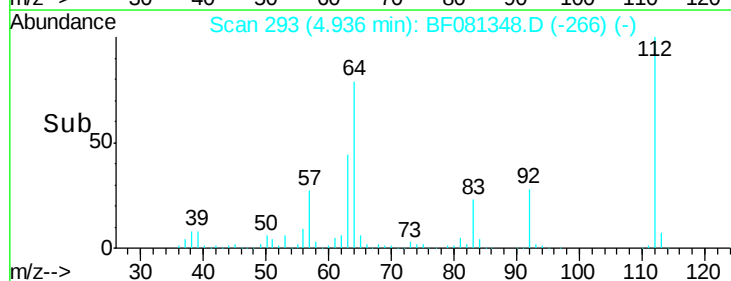
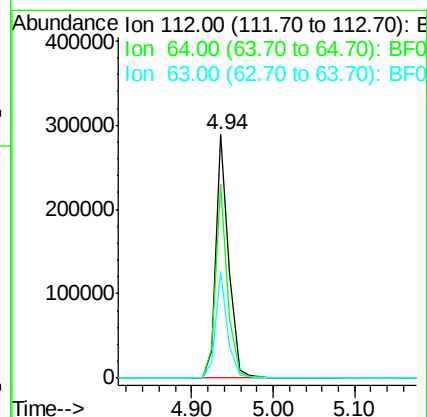
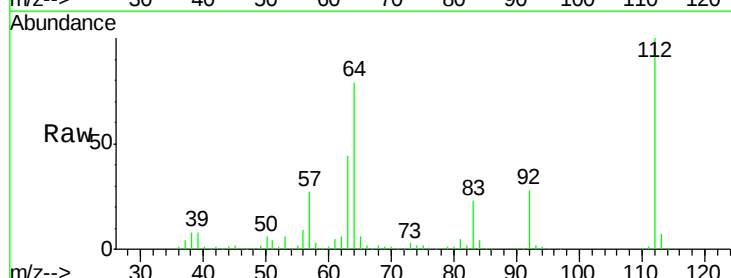
Tgt Ion: 112 Resp: 317465

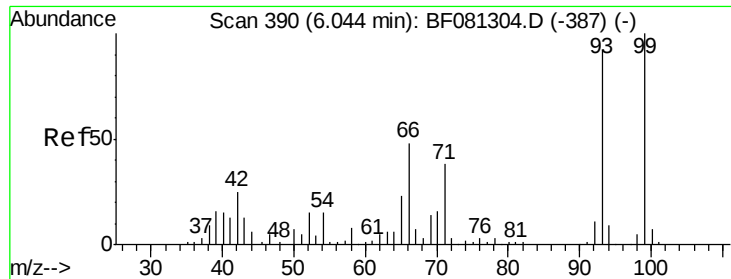
Ion Ratio Lower Upper

112 100

64 79.4 39.7 59.5#

63 43.6 17.4 26.0#





#6

Aniline

Concen: 2.65 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

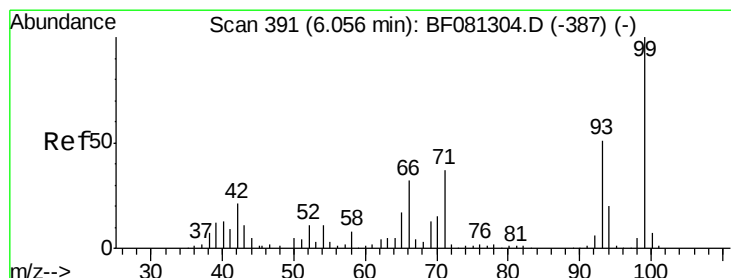
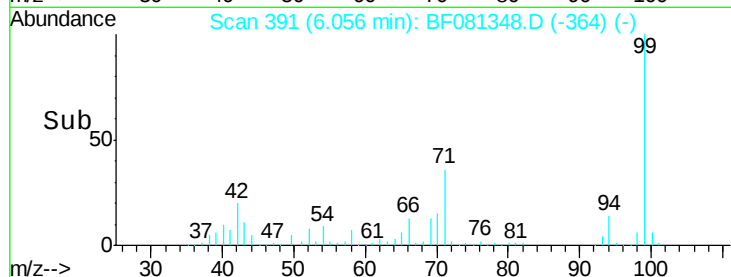
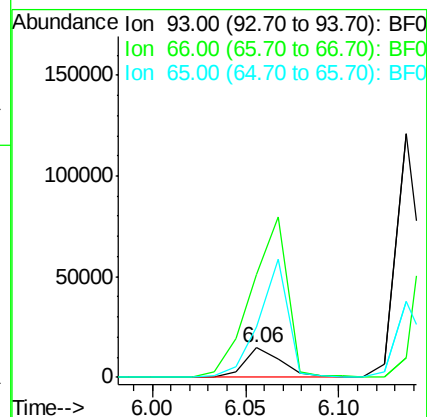
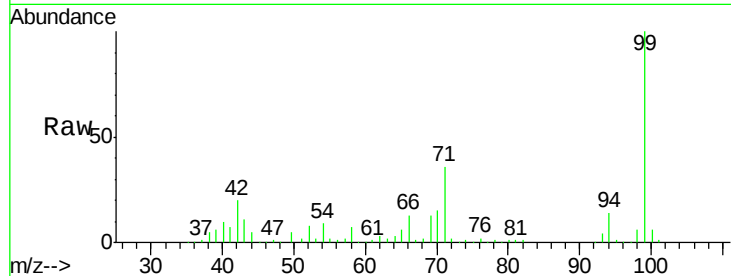
Tot Ion: 93 Resp: 20237

Ion Ratio Lower Upper

93 100

66 349.7 27.2 40.8#

65 173.7 14.7 22.1#



#7

Phenol-d6

Concen: 92.73 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

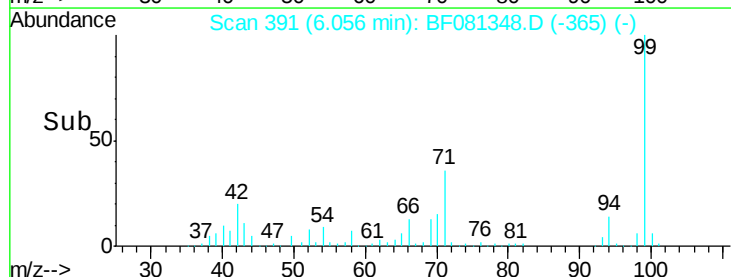
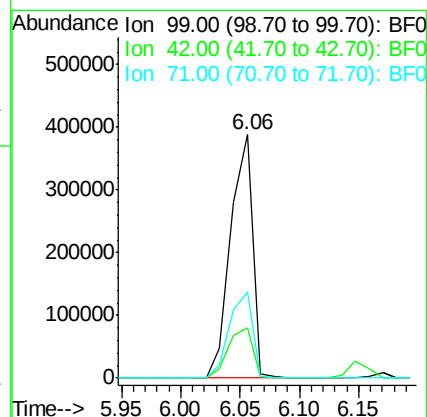
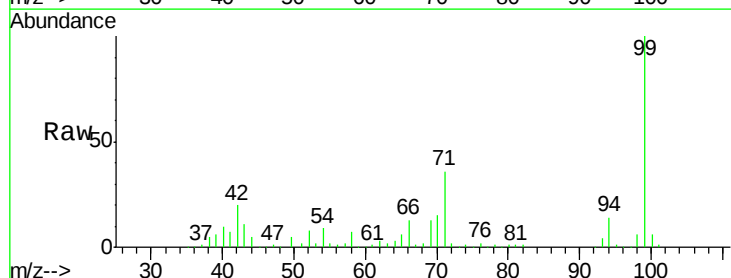
Tgt Ion: 99 Resp: 501164

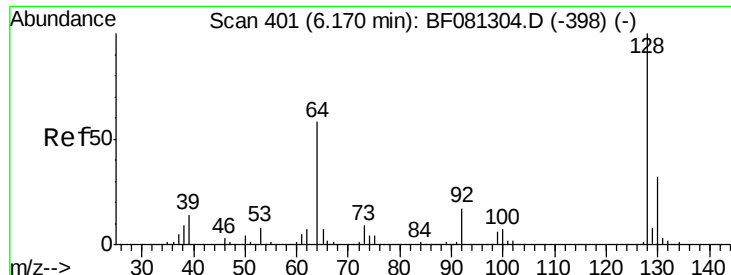
Ion Ratio Lower Upper

99 100

42 20.5 13.7 20.5

71 35.7 14.2 21.2#





#8

2-Chlorophenol

Concen: 27.64 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

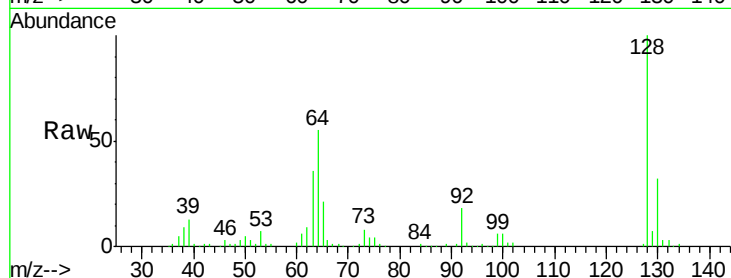
Tot Ion:128 Resp: 124352

Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

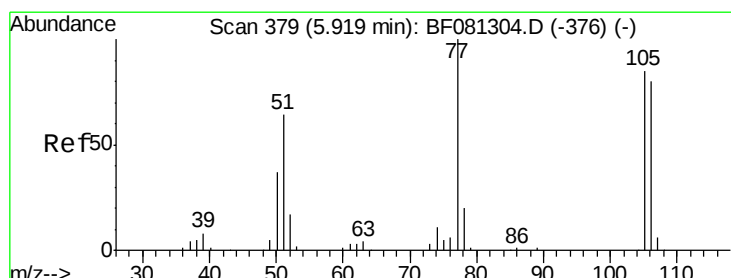
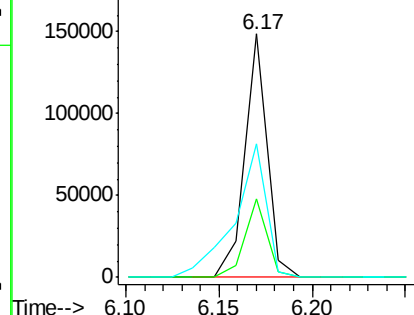
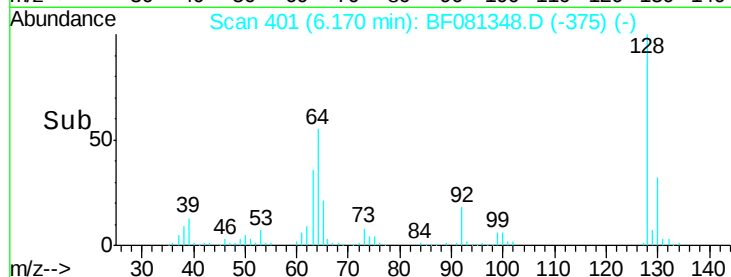
64 55.0 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 6.56 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

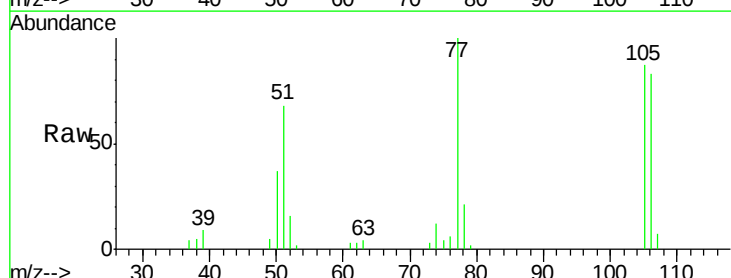
Tgt Ion: 77 Resp: 22219

Ion Ratio Lower Upper

77 100

105 87.3 91.6 131.6#

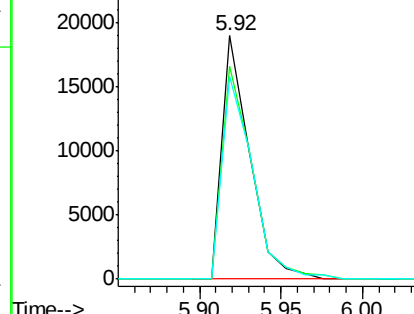
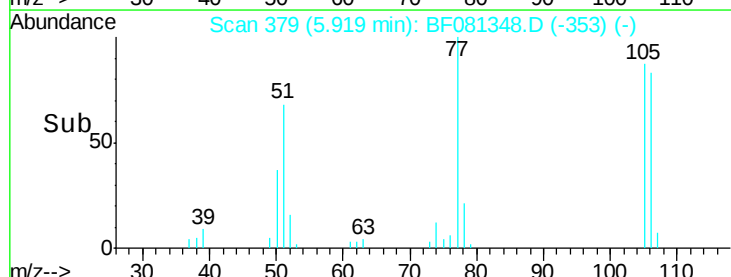
106 83.2 102.6 142.6#

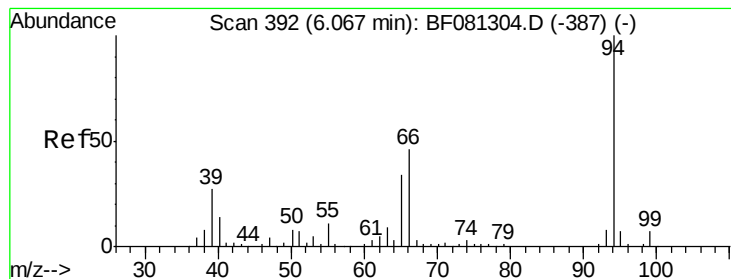


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 28.53 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

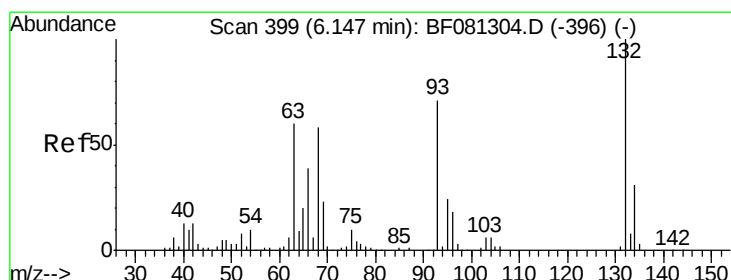
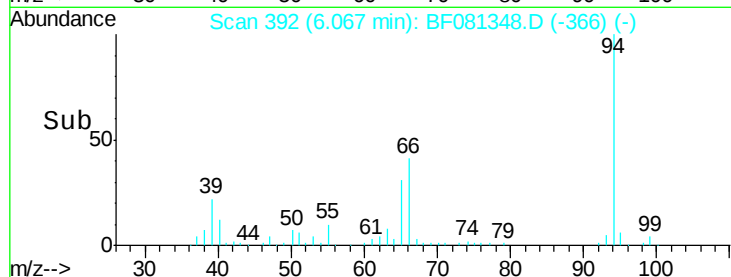
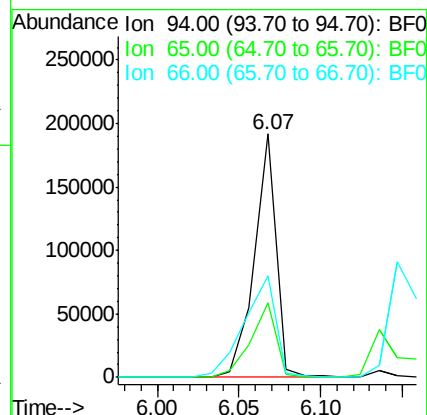
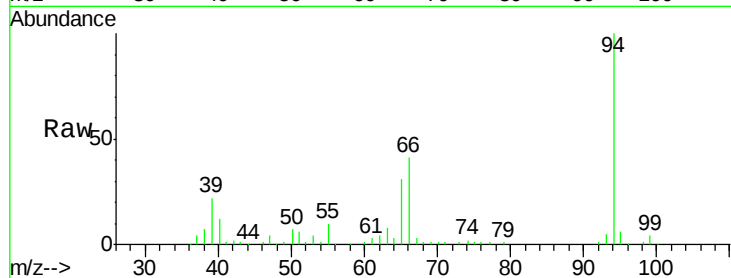
BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

Tot Ion: 94 Resp: 178837

Ion	Ratio	Lower	Upper
94	100		
65	30.7	0.7	40.7
66	41.5	0.8	40.8#



#11

bis(2-Chloroethyl)ether

Concen: 25.65 ng

RT: 6.14 min Scan# 398

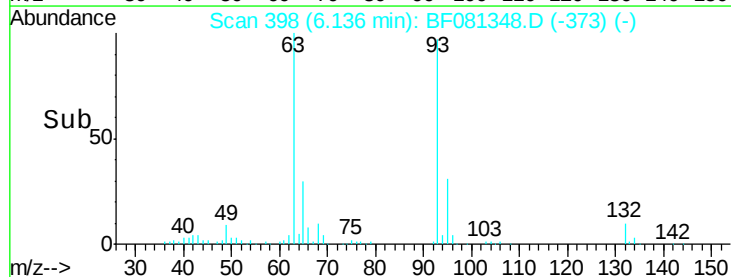
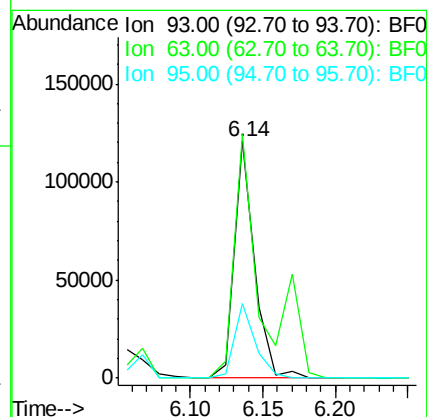
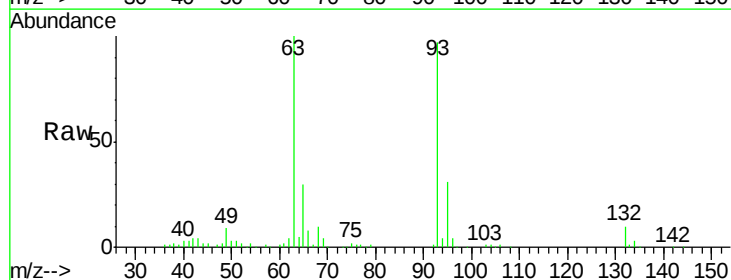
Delta R.T. -0.01 min

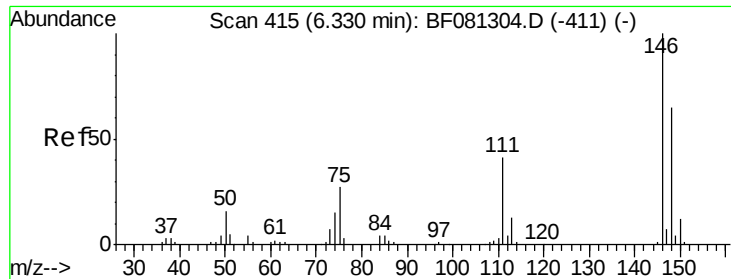
Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion: 93 Resp: 115980

Ion	Ratio	Lower	Upper
93	100		
63	102.7	65.6	105.6
95	31.7	13.6	53.6

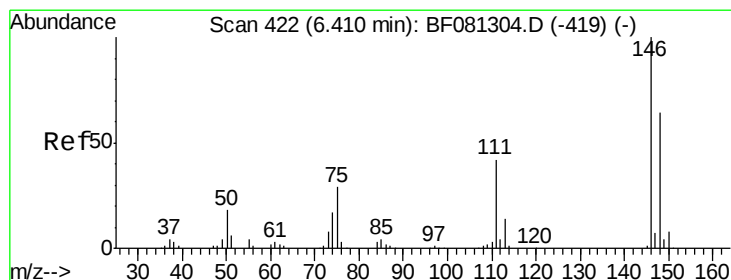
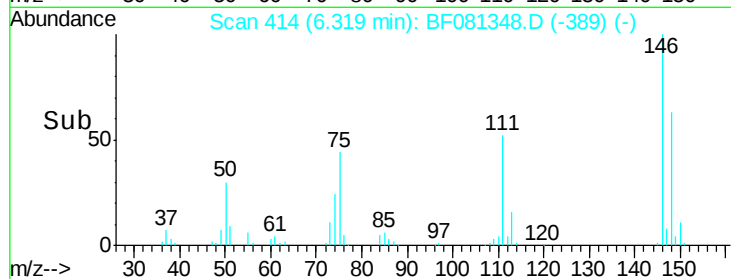
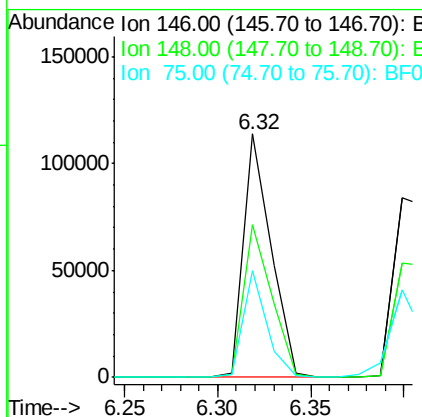
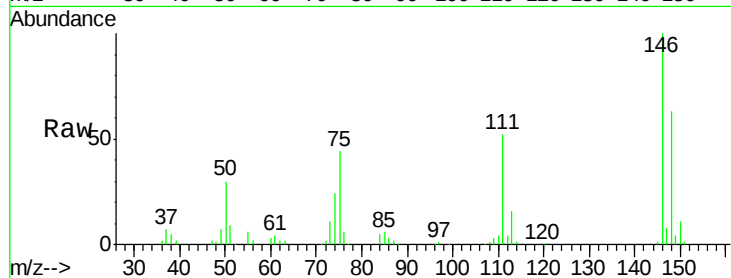




#12
 1,3-Dichlorobenzene
 Concen: 24.32 ng
 RT: 6.32 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

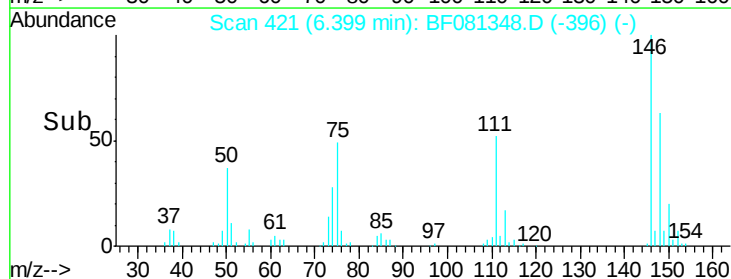
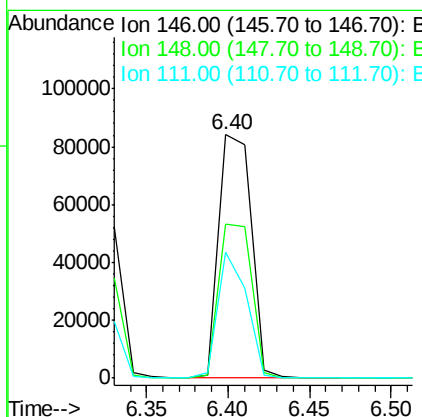
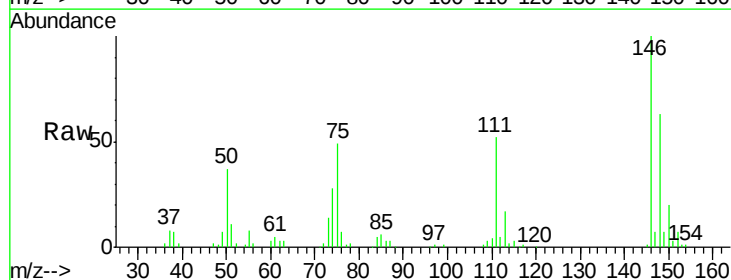
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

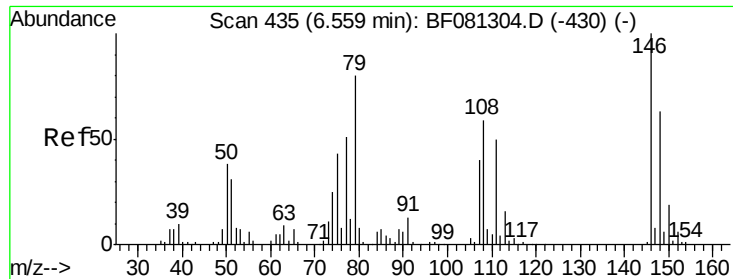
Tot Ion:146 Resp: 116890
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.4
 75 43.8 15.0 22.6#



#13
 1,4-Dichlorobenzene
 Concen: 23.76 ng
 RT: 6.40 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:146 Resp: 116270
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 111 51.9 24.9 37.3#

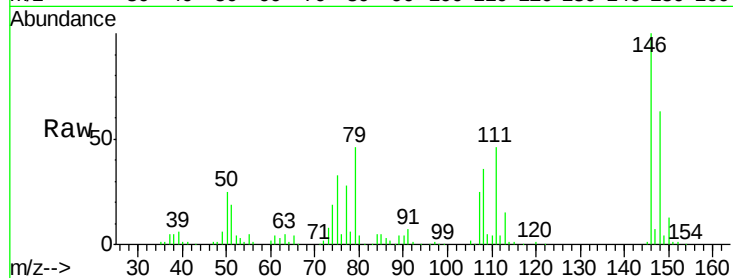




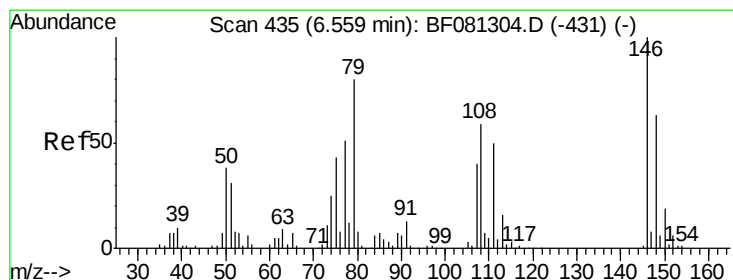
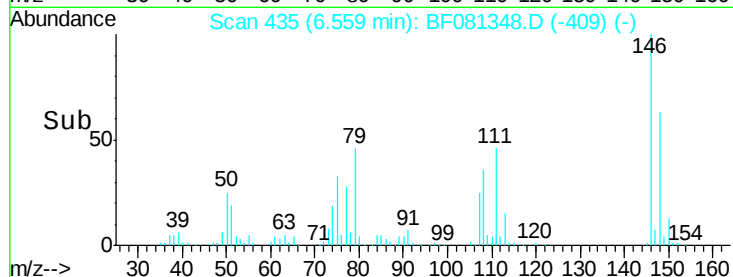
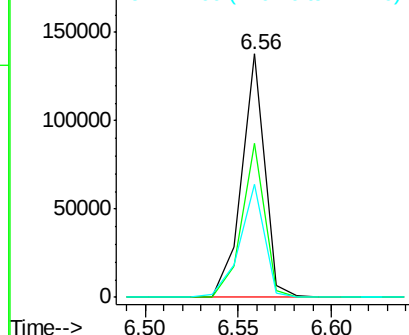
#14
 1,2-Dichlorobenzene
 Concen: 26.96 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tot Ion:146 Resp: 118816
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.7 79.1
 111 46.3 28.8 43.2#

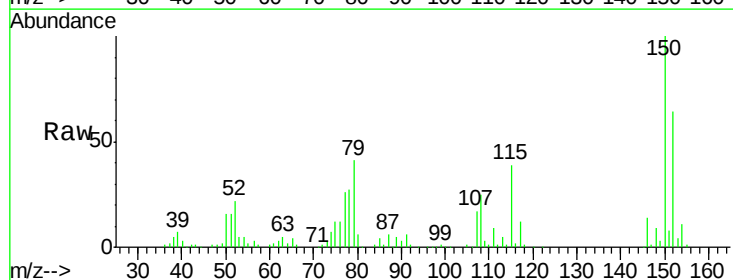


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

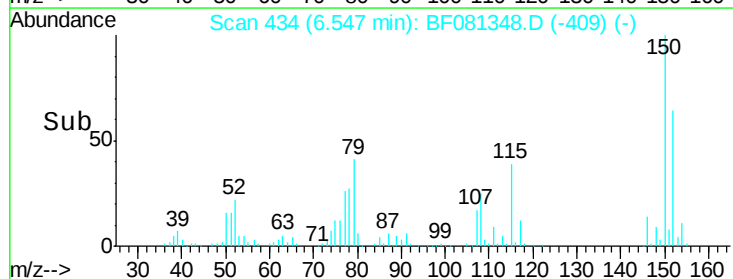
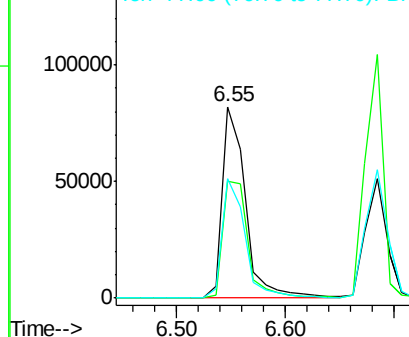


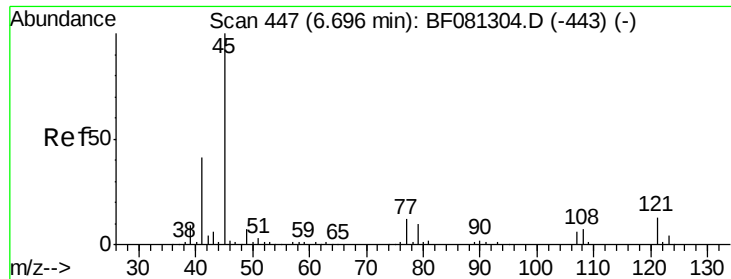
#15
 Benzyl Alcohol
 Concen: 27.47 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion: 79 Resp: 121772
 Ion Ratio Lower Upper
 79 100
 108 61.2 88.6 132.8#
 77 62.1 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0

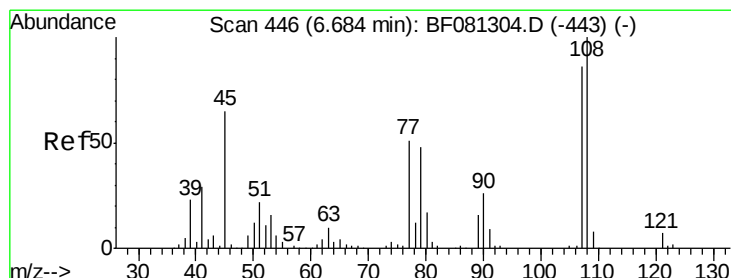
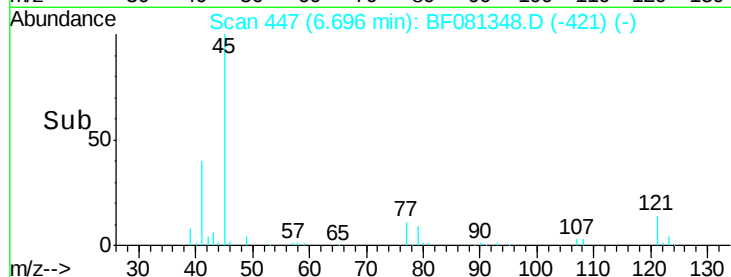
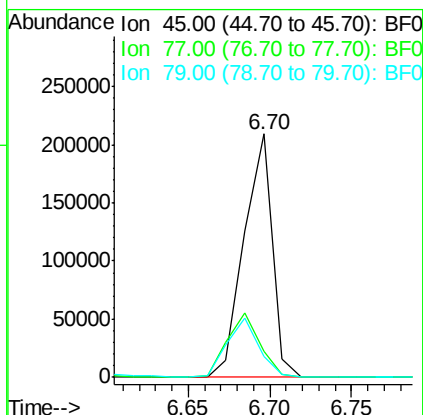
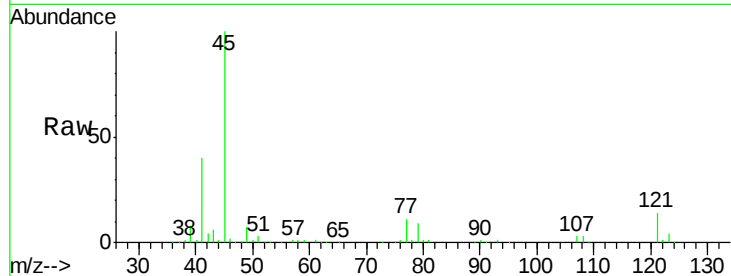




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 28.92 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

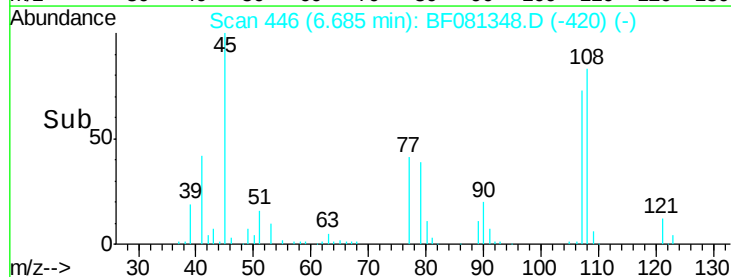
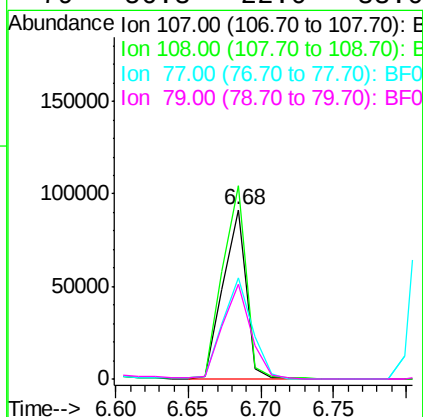
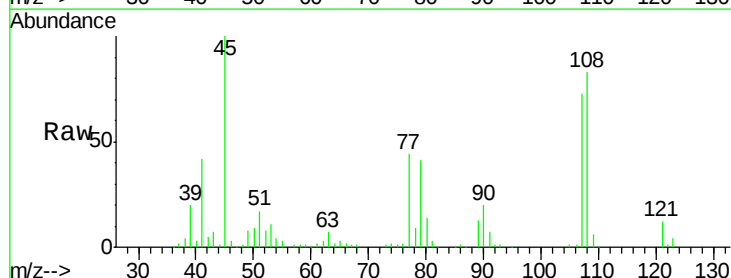
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

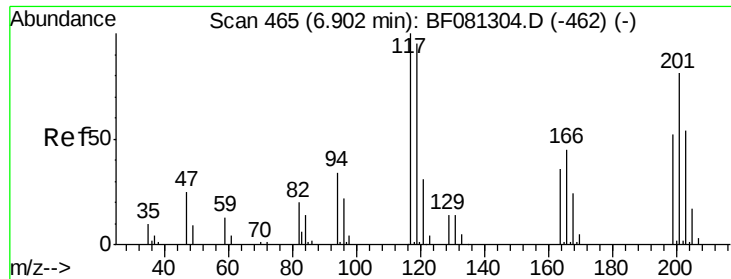
Tot Ion: 45 Resp: 250688
Ion Ratio Lower Upper
45 100
77 10.9 0.0 28.1
79 8.7 0.0 26.0



#17
2-Methylphenol
Concen: 28.40 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion: 107 Resp: 101967
Ion Ratio Lower Upper
107 100
108 114.3 96.6 145.0
77 60.0 23.3 34.9#
79 56.3 22.0 33.0#

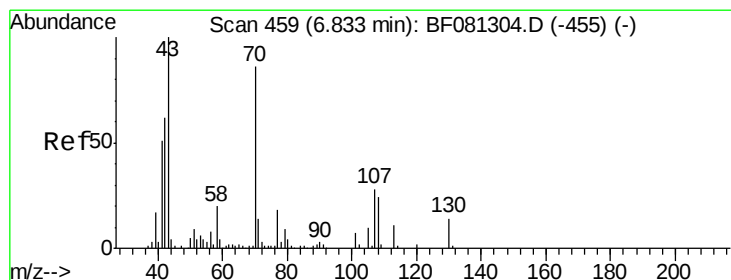
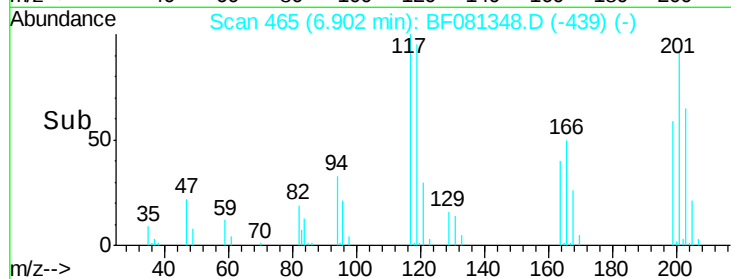
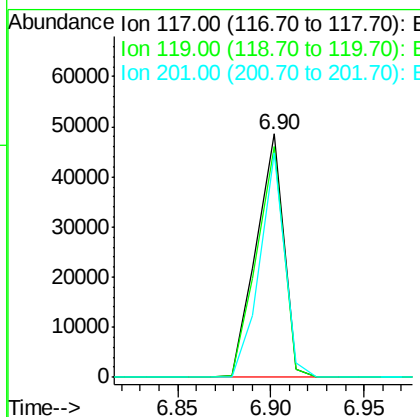
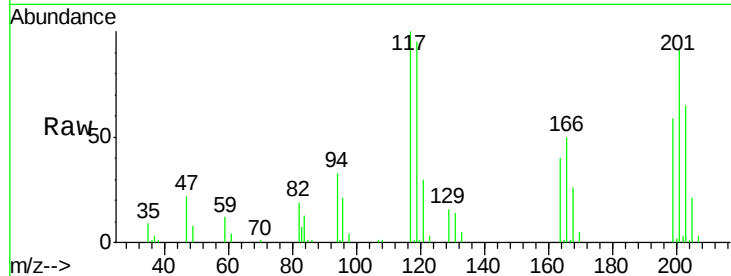




#18
Hexachloroethane
Concen: 26.04 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

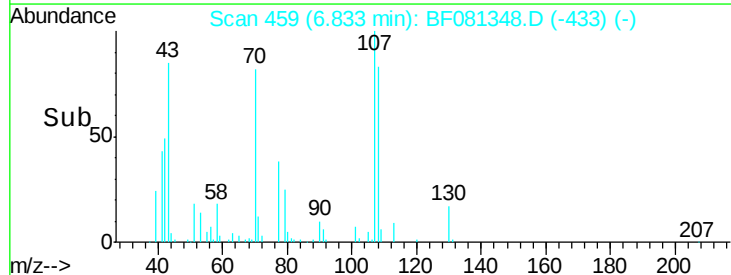
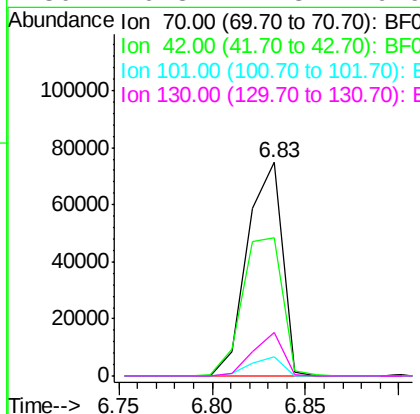
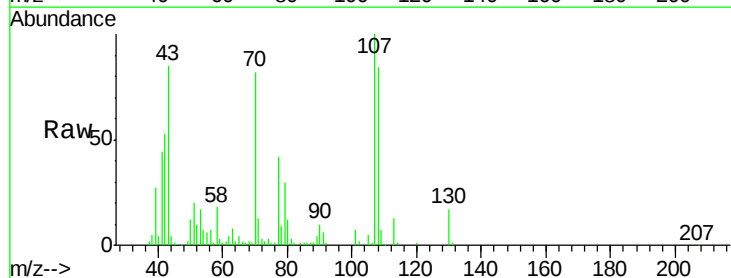
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

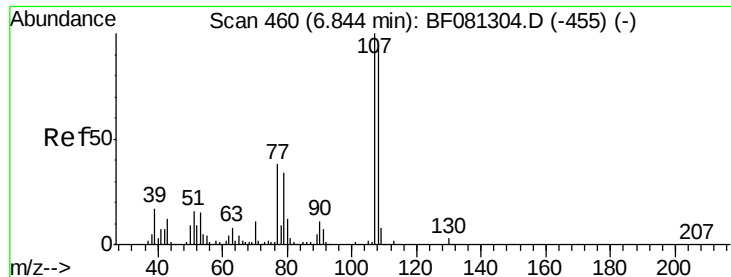
Tot Ion:117 Resp: 49578
Ion Ratio Lower Upper
117 100
119 95.0 83.8 125.6
201 92.0 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 26.75 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion: 70 Resp: 98408
Ion Ratio Lower Upper
70 100
42 65.0 63.8 95.6
101 9.1 9.2 13.8#
130 20.3 27.3 40.9#





#20

3+4-Methylphenols

Concen: 28.31 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

Tot Ion:107 Resp: 137031

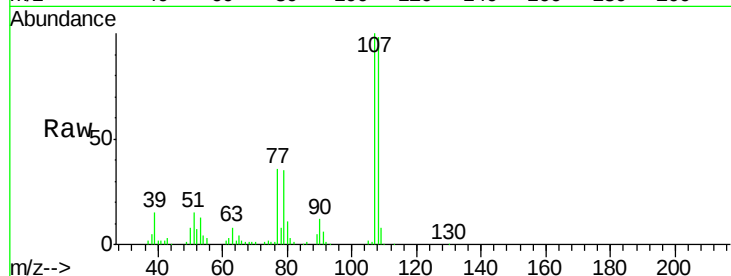
Ion Ratio Lower Upper

107 100

108 97.5 74.6 114.6

77 36.5 0.7 40.7

79 35.0 0.0 38.9

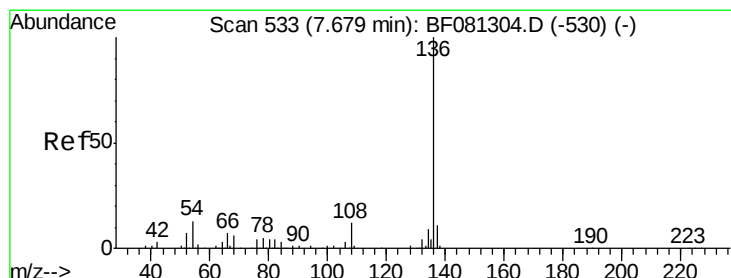
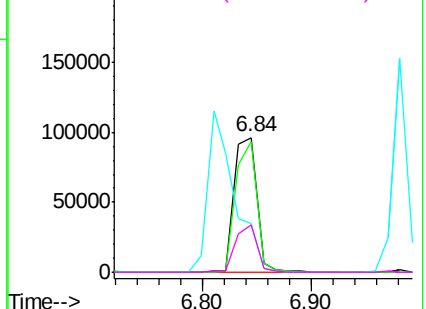
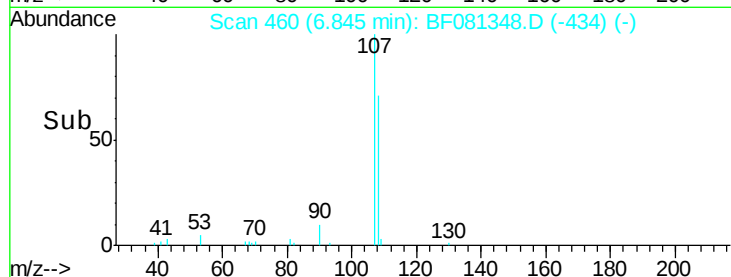


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion:136 Resp: 242428

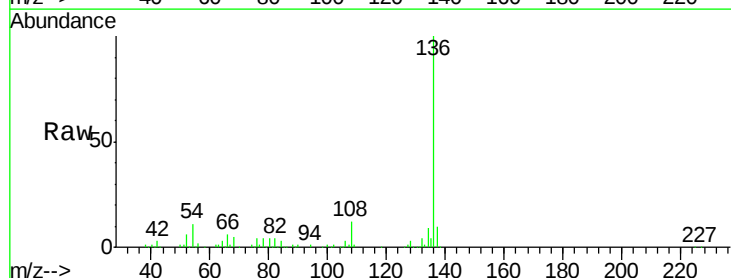
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 11.3 8.2 12.2

68 4.9 5.8 8.6#

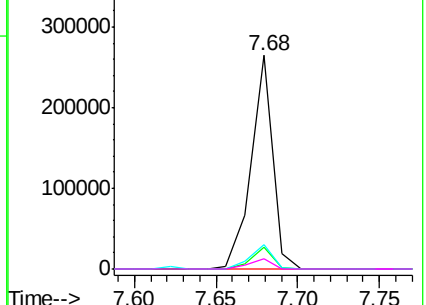
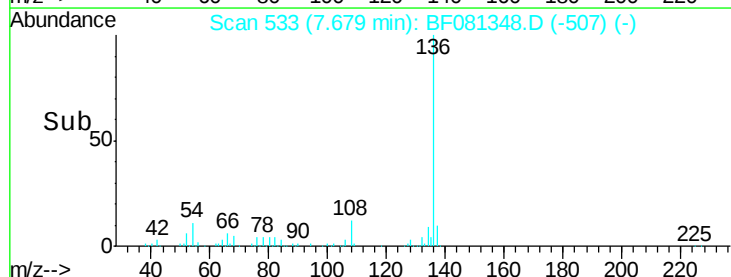


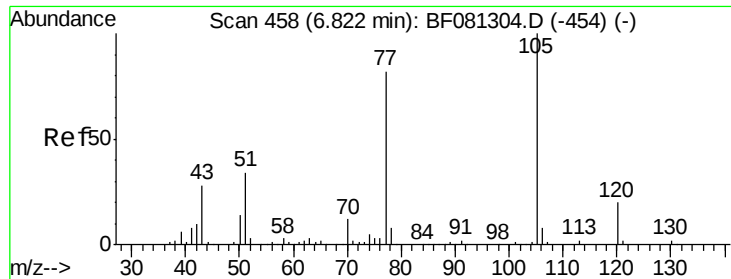
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 27.86 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

Tot Ion:105 Resp: 184465

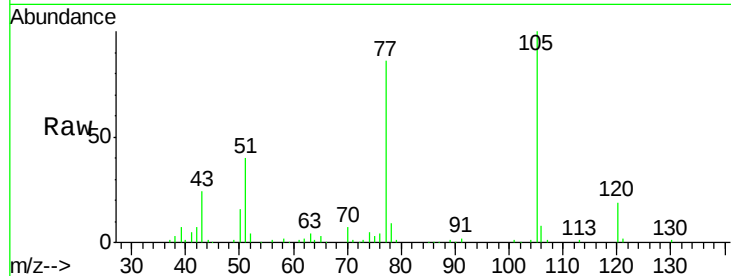
Ion Ratio Lower Upper

105 100

71 1.2 4.7 7.1#

51 39.6 22.0 33.0#

120 18.6 30.1 45.1#

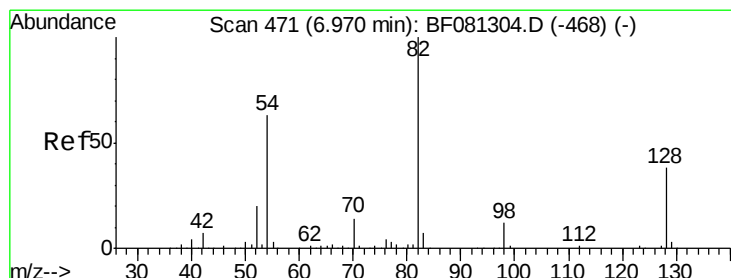
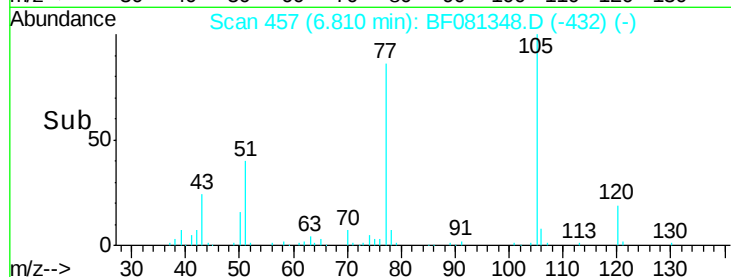
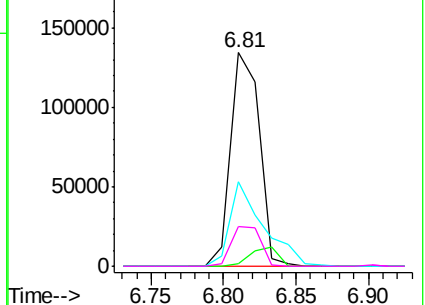


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 61.62 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

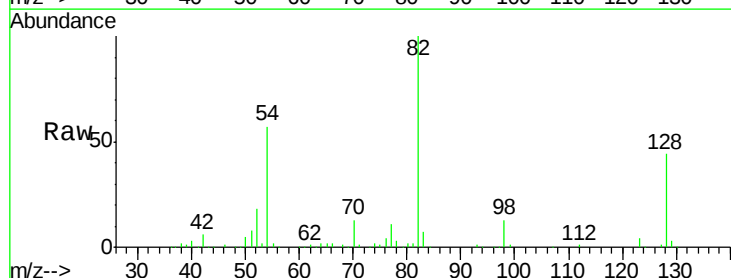
Tgt Ion: 82 Resp: 309626

Ion Ratio Lower Upper

82 100

128 44.4 51.0 76.6#

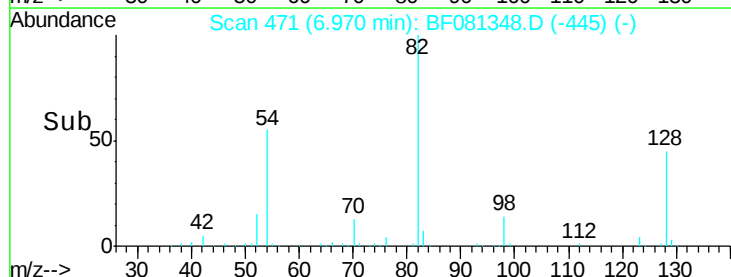
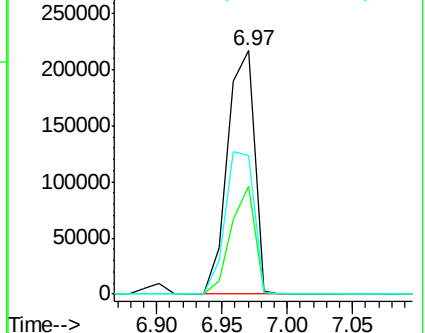
54 57.1 47.5 71.3

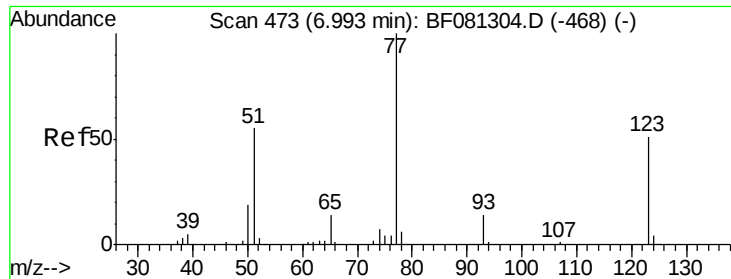


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 26.37 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

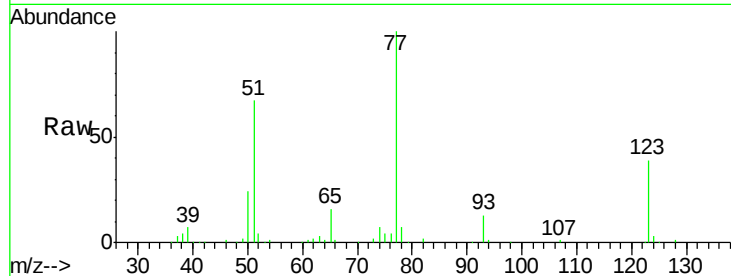
Tot Ion: 77 Resp: 137586

Ion Ratio Lower Upper

77 100

123 38.6 59.8 89.8#

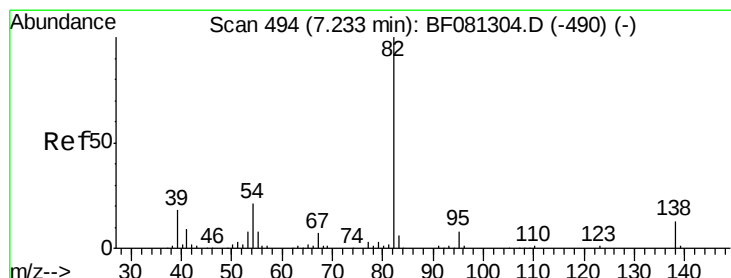
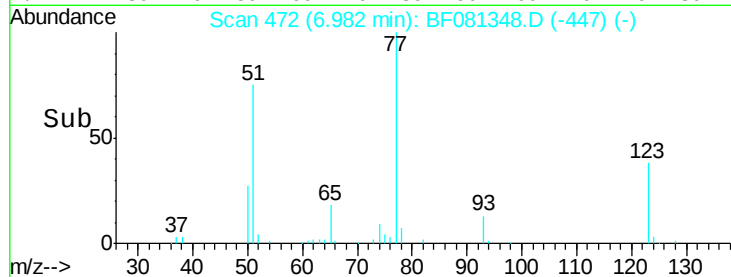
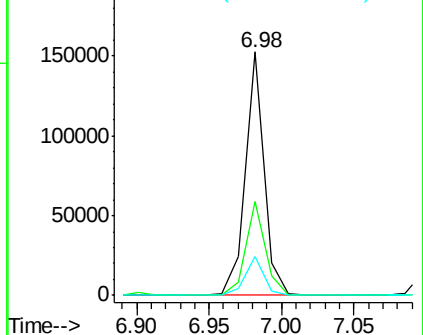
65 15.8 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 27.35 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

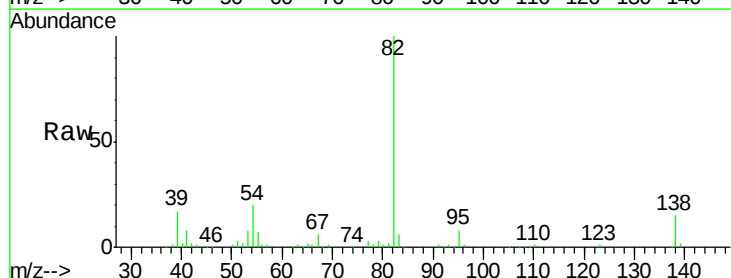
Tgt Ion: 82 Resp: 255635

Ion Ratio Lower Upper

82 100

95 7.5 4.0 6.0#

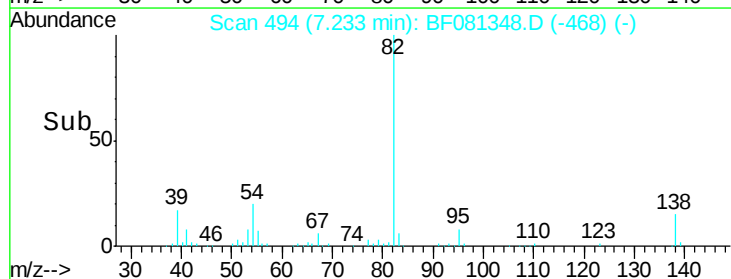
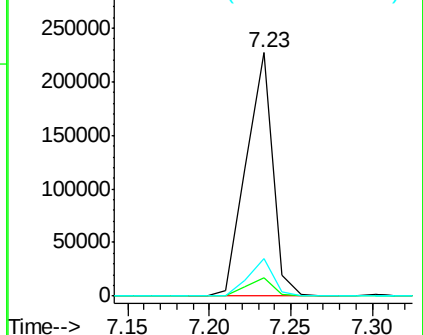
138 15.4 18.3 27.5#

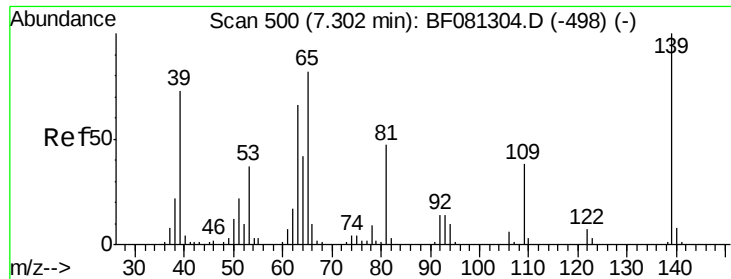


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

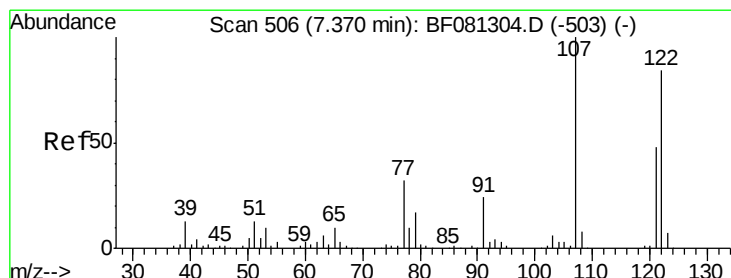
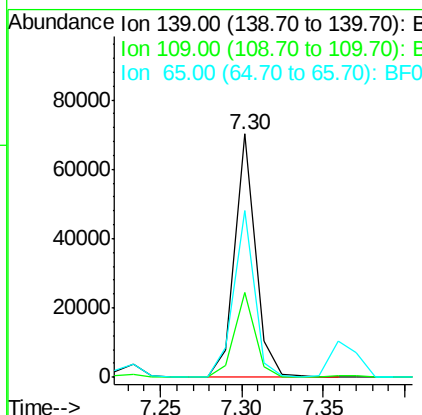
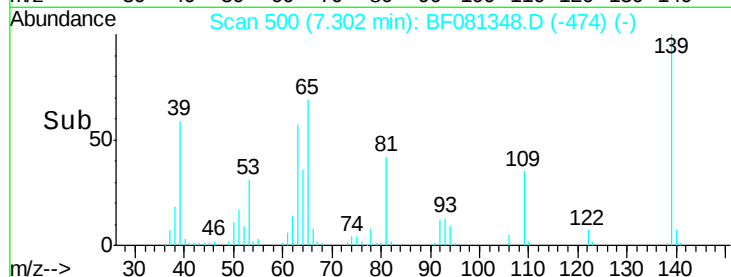
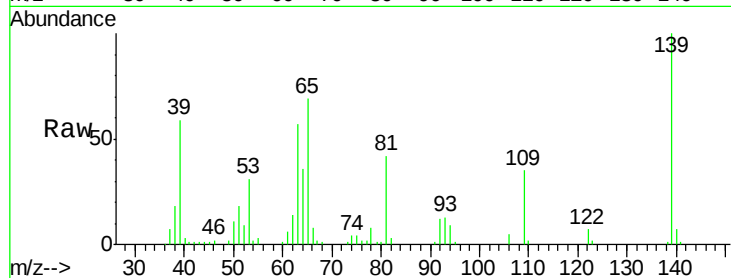




#26
2-Nitrophenol
Concen: 26.98 ng
RT: 7.30 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

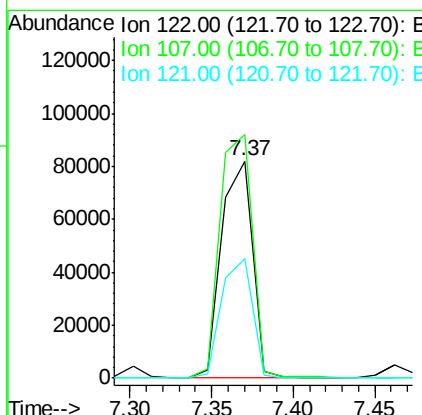
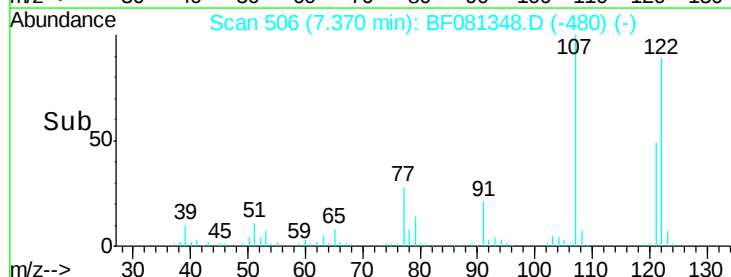
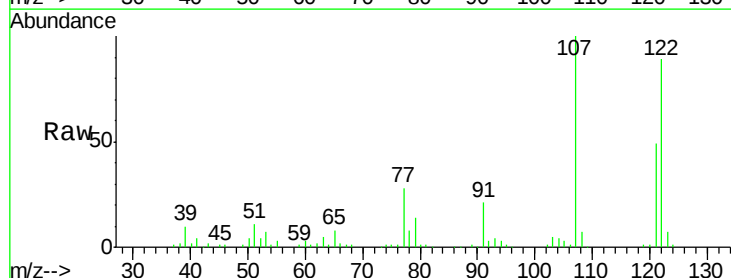
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

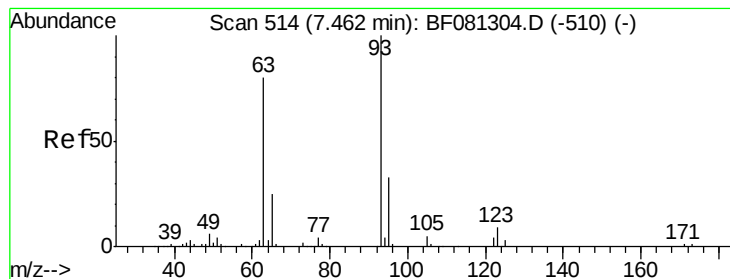
Tot Ion:139 Resp: 61370
Ion Ratio Lower Upper
139 100
109 35.0 11.0 16.4#
65 68.7 24.7 37.1#



#27
2,4-Dimethylphenol
Concen: 27.41 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion:122 Resp: 107685
Ion Ratio Lower Upper
122 100
107 112.1 71.8 107.6#
121 55.1 42.3 63.5





#28

bis(2-Chloroethoxy)methane

Concen: 27.33 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

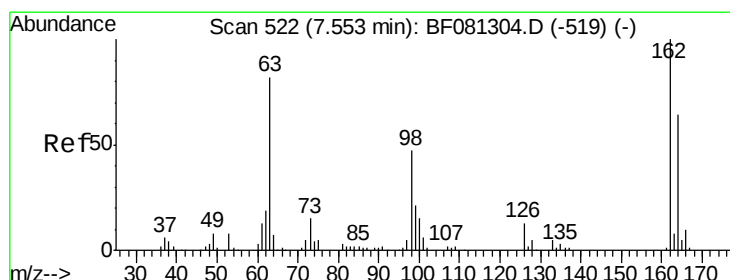
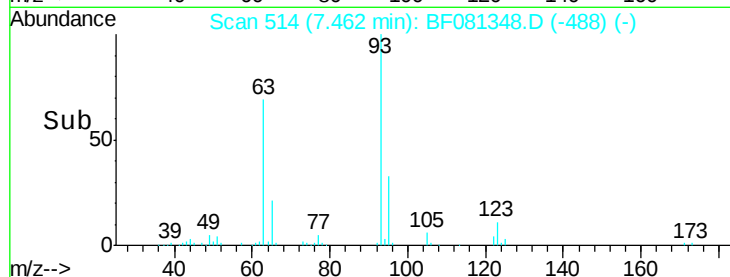
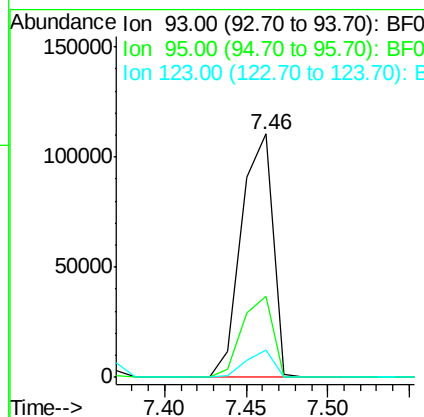
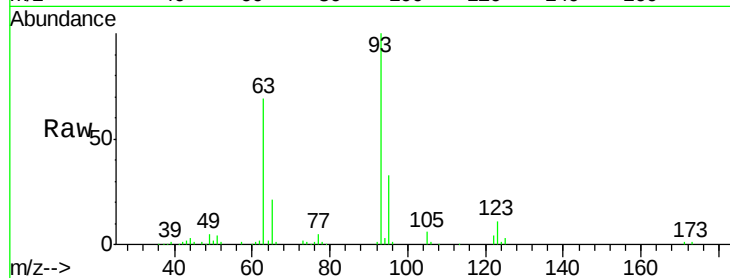
ClientSampleId :

COFF-2-20(0-2)MS

Tot Ion: 93 Resp: 147538

Ion Ratio Lower Upper

93	100		
95	33.3	27.5	41.3
123	11.1	13.7	20.5



#29

2,4-Dichlorophenol

Concen: 29.42 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

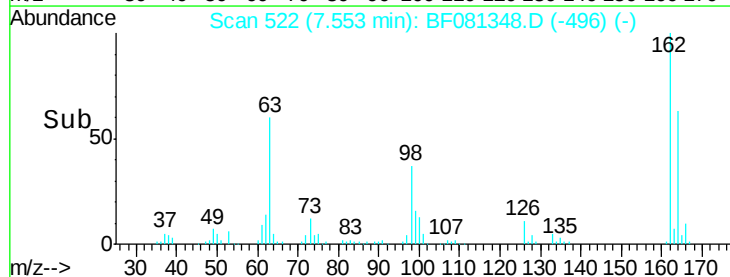
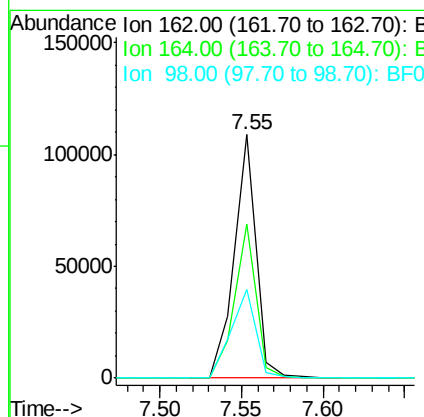
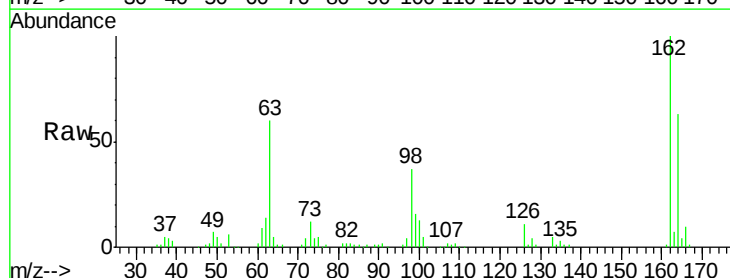
Lab File: BF081348.D

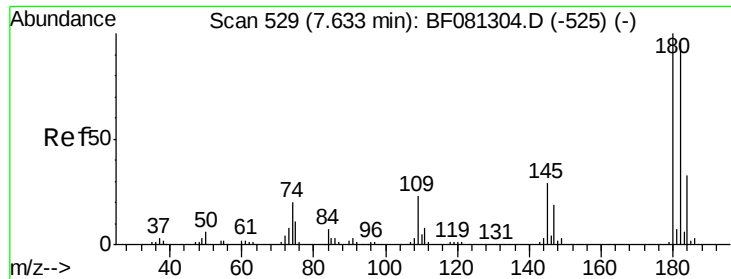
Acq: 2 Sep 2015 14:58

Tgt Ion: 162 Resp: 100229

Ion Ratio Lower Upper

162	100		
164	63.3	44.9	84.9
98	36.6	13.0	53.0

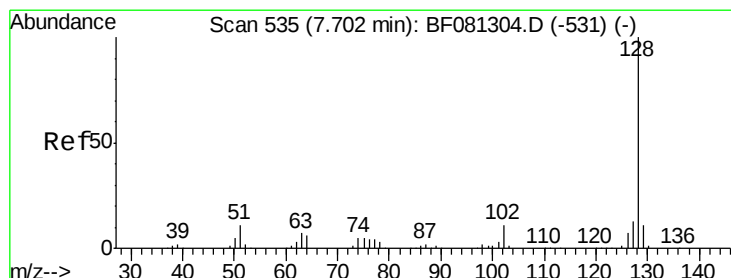
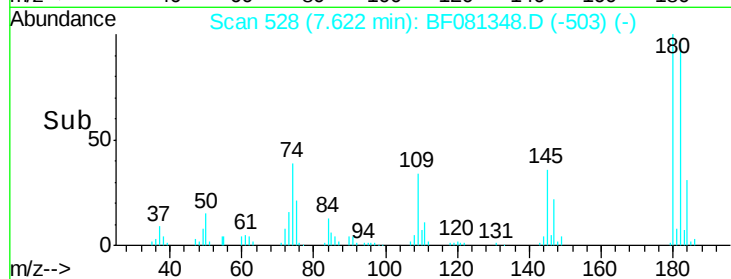
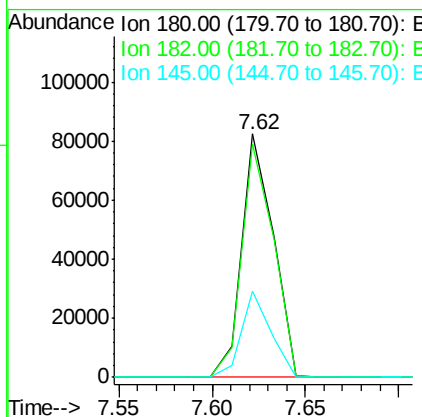
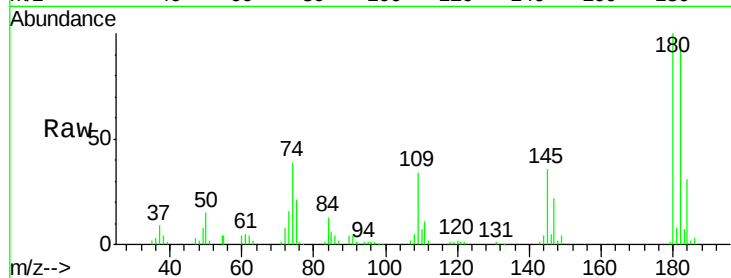




#30
 1,2,4-Trichlorobenzene
 Concen: 26.11 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

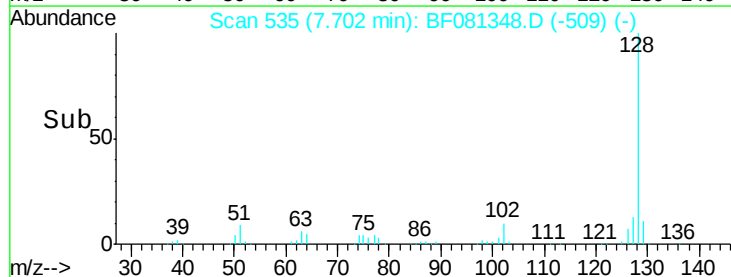
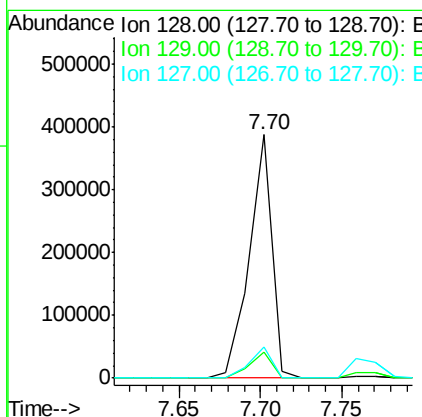
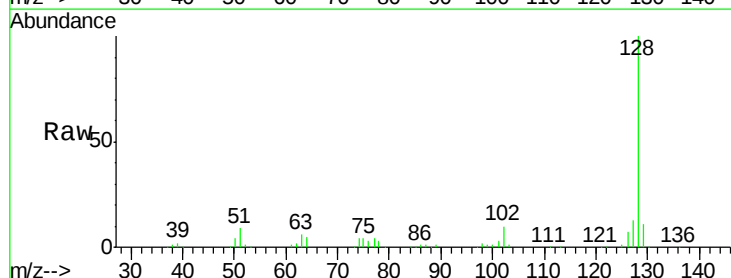
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

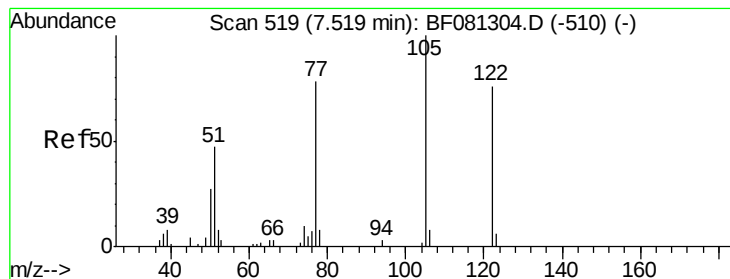
Tot Ion:180 Resp: 96633
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.1 115.7
 145 35.5 23.3 34.9#



#31
 Naphthalene
 Concen: 28.76 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:128 Resp: 371859
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.4 12.6
 127 13.0 9.9 14.9





#32

Benzoic acid

Concen: 5.34 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

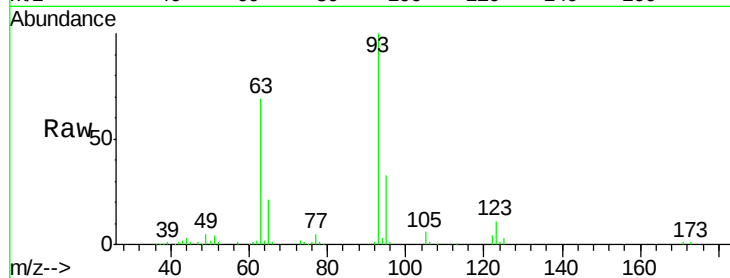
Tot Ion:122 Resp: 8277

Ion Ratio Lower Upper

122 100

105 136.6 76.1 116.1#

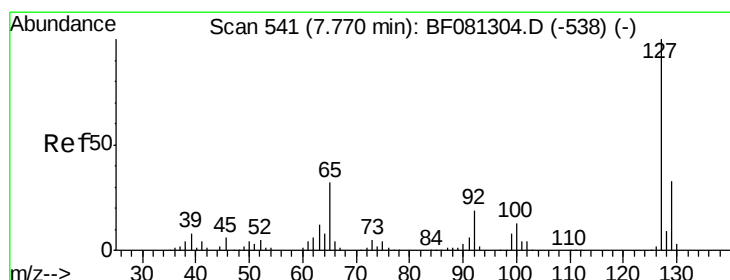
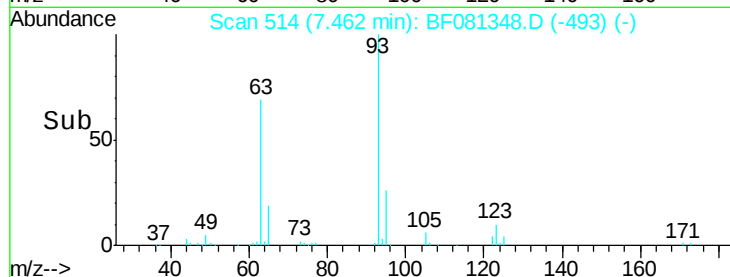
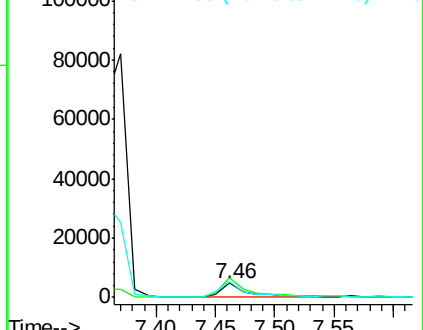
77 111.1 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 7.99 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion:127 Resp: 42135

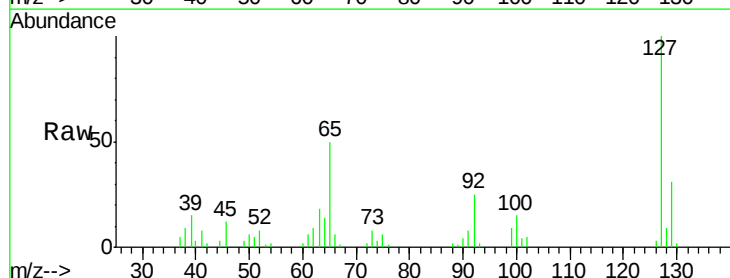
Ion Ratio Lower Upper

127 100

129 30.6 25.8 38.6

65 49.8 17.9 26.9#

92 25.0 10.5 15.7#

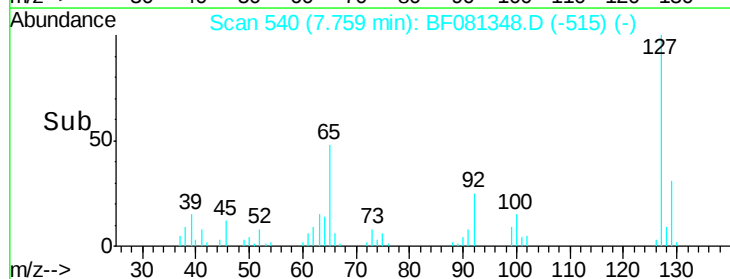
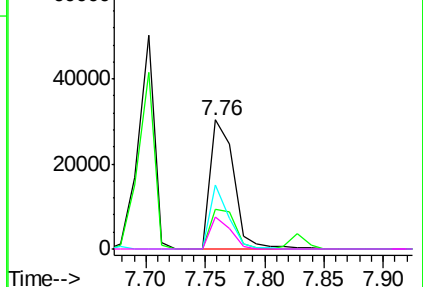


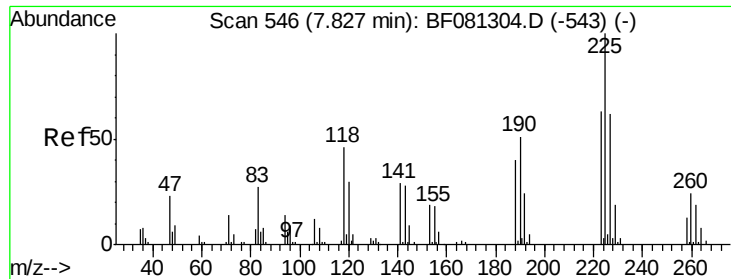
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

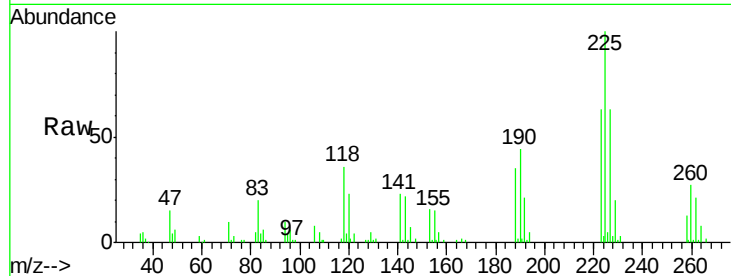




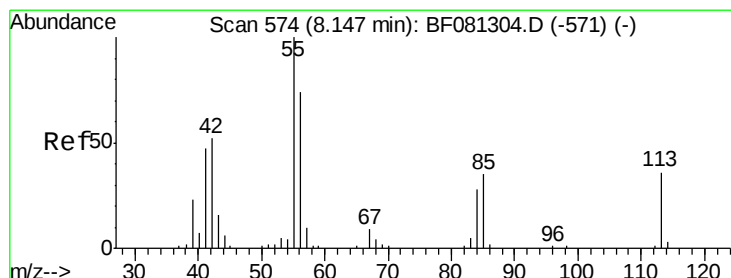
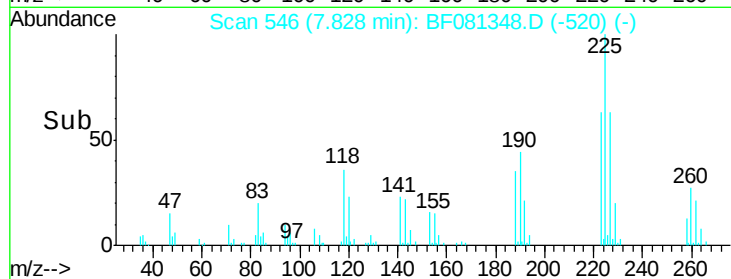
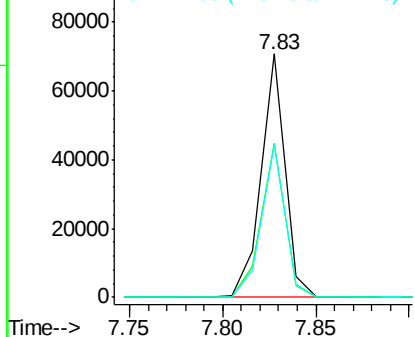
#34
Hexachlorobutadiene
Concen: 27.67 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tot Ion:225 Resp: 62308
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.2
227 62.7 52.2 78.2

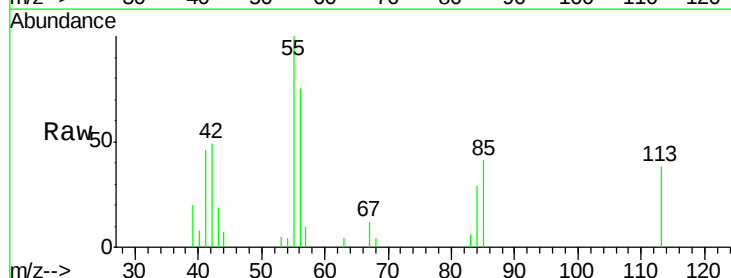


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

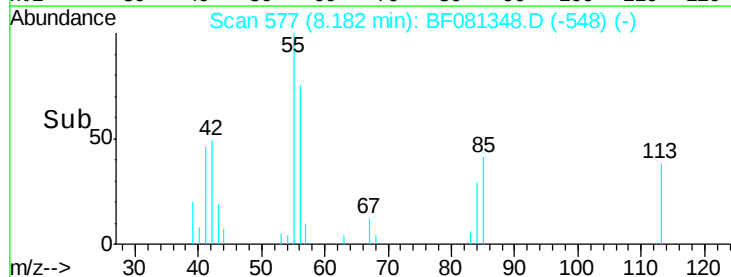
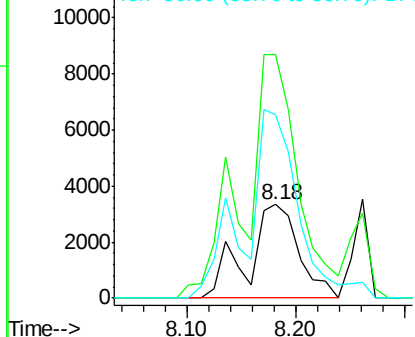


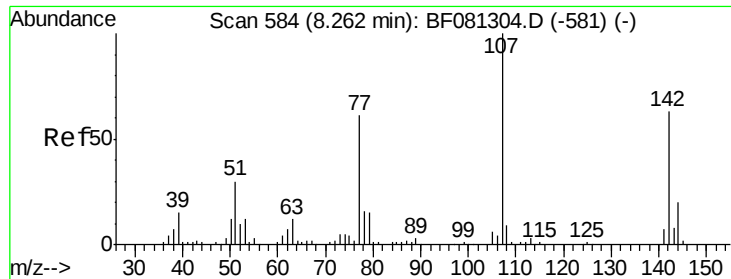
#35
Caprolactam
Concen: 10.51 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.03 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion:113 Resp: 10980
Ion Ratio Lower Upper
113 100
55 261.0 152.4 192.4#
56 196.1 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

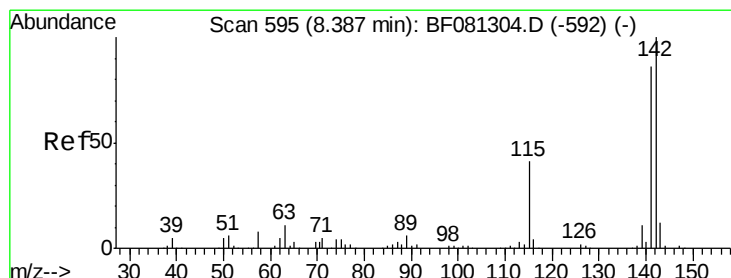
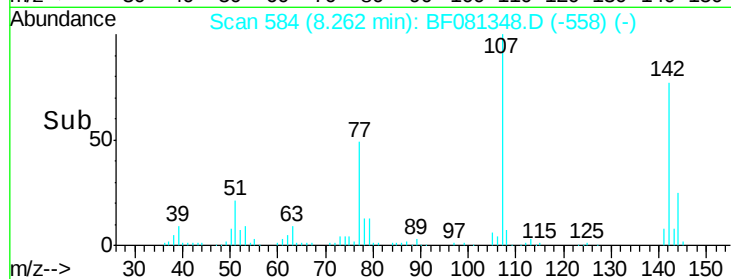
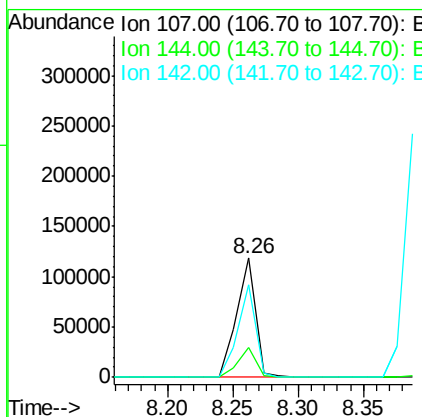
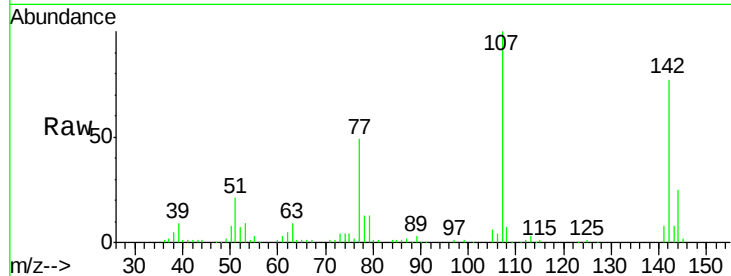




#36
 4-Chloro-3-methylphenol
 Concen: 31.27 ng
 RT: 8.26 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

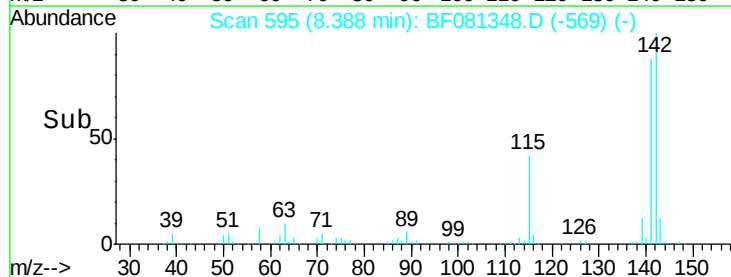
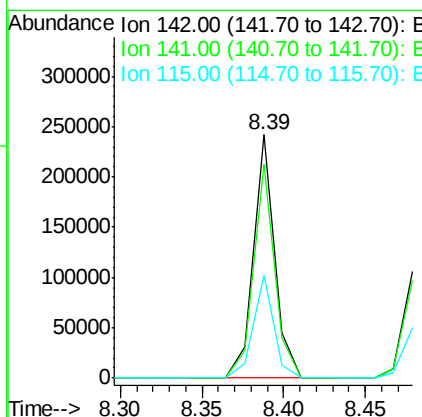
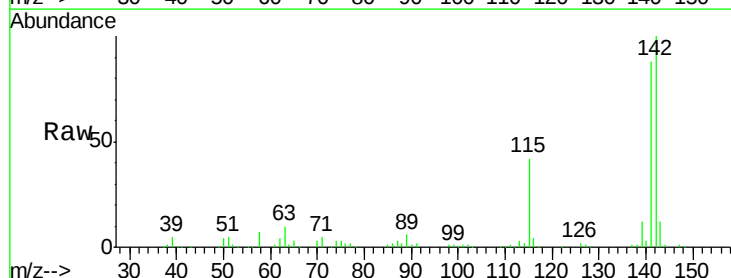
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

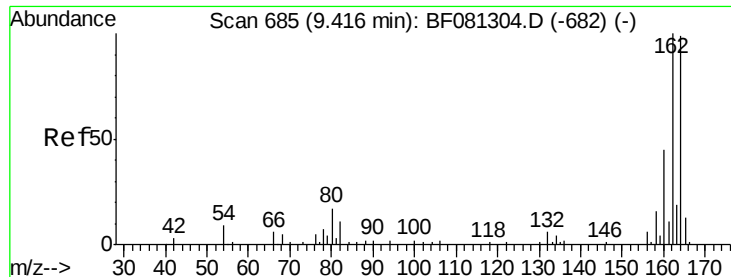
Tot Ion:107 Resp: 119208
 Ion Ratio Lower Upper
 107 100
 144 24.9 25.4 38.0#
 142 77.3 77.3 115.9



#37
 2-Methylnaphthalene
 Concen: 26.01 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:142 Resp: 218816
 Ion Ratio Lower Upper
 142 100
 141 88.1 67.5 101.3
 115 42.0 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

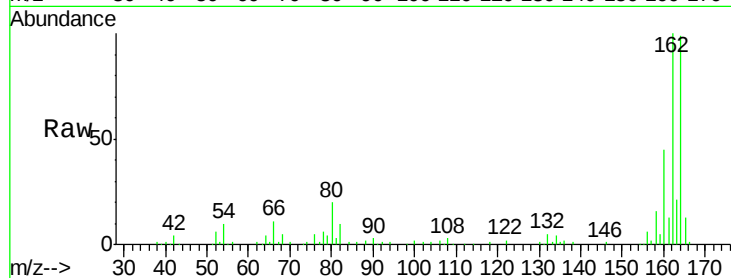
Tot Ion:164 Resp: 107755

Ion Ratio Lower Upper

164 100

162 101.2 75.2 112.8

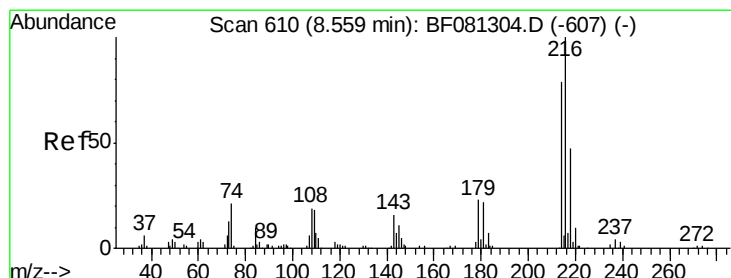
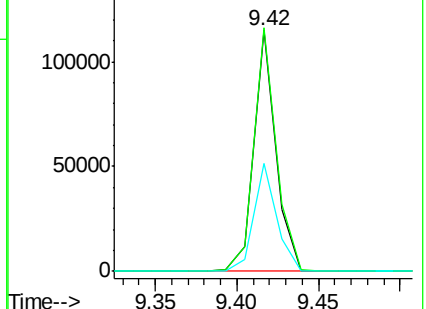
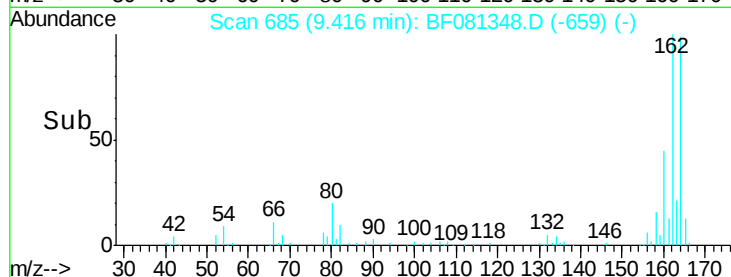
160 45.1 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.23 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion:216 Resp: 103014

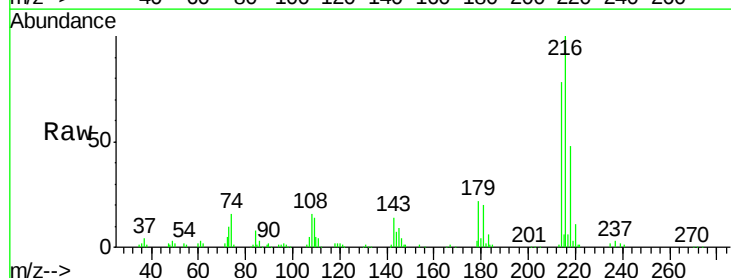
Ion Ratio Lower Upper

216 100

214 78.1 63.5 95.3

179 22.9 16.6 24.8

108 22.1 16.3 24.5

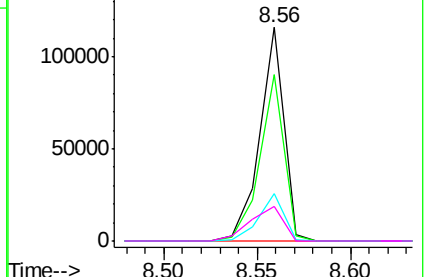
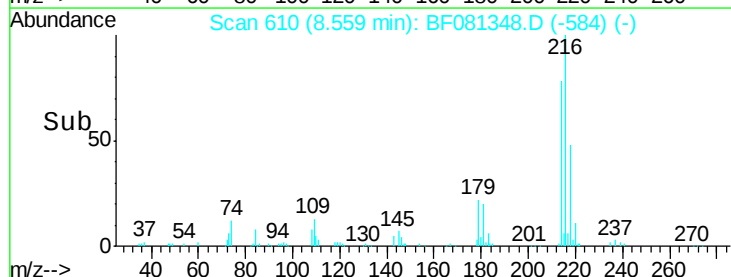


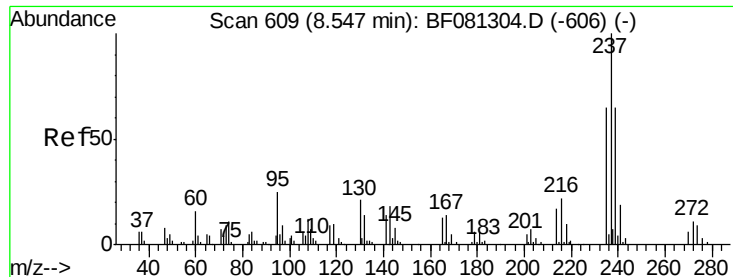
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

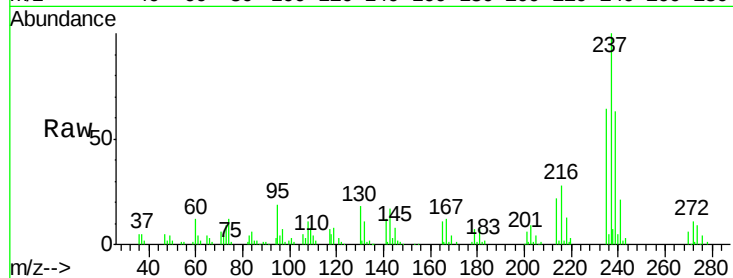




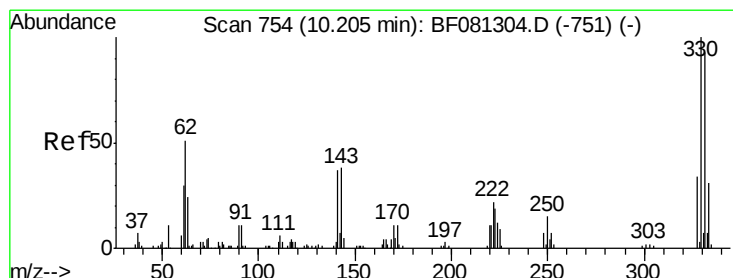
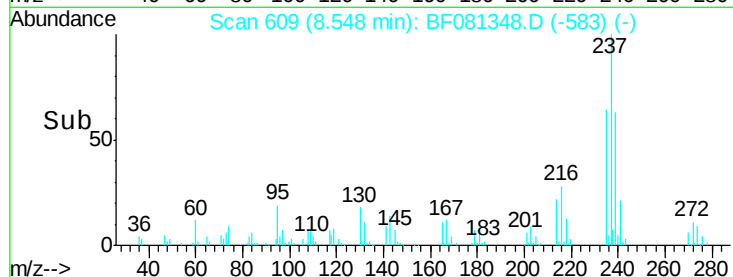
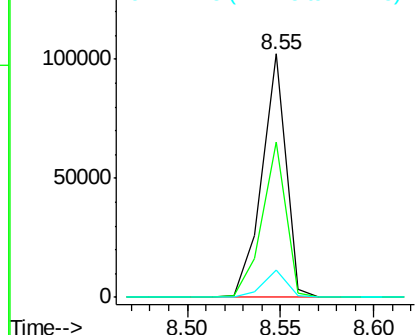
#40
Hexachlorocyclopentadiene
Concen: 54.39 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tot Ion:237 Resp: 90956
Ion Ratio Lower Upper
237 100
235 64.0 42.0 82.0
272 11.4 0.0 36.1

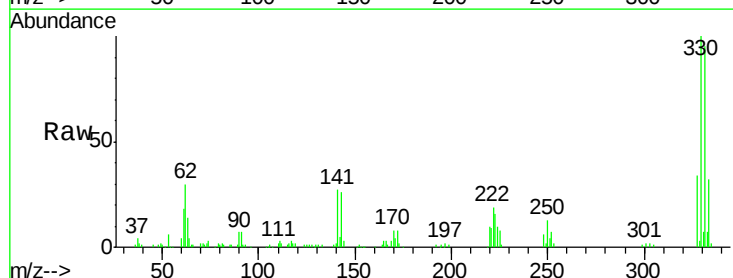


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

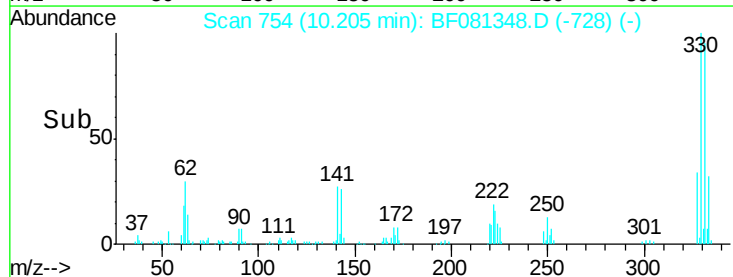
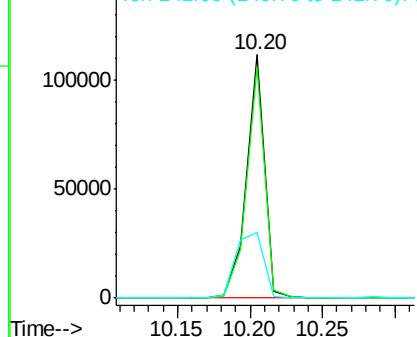


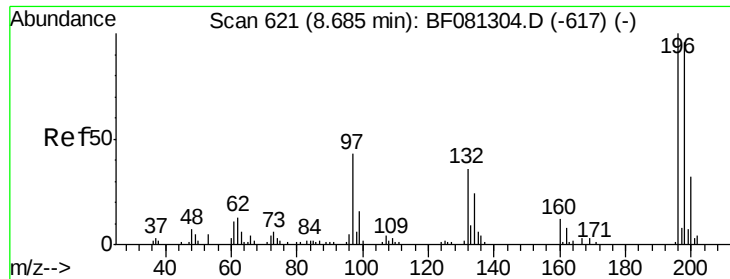
#41
2,4,6-Tribromophenol
Concen: 100.88 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion:330 Resp: 96785
Ion Ratio Lower Upper
330 100
332 94.5 76.6 114.8
141 41.9 29.7 44.5



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

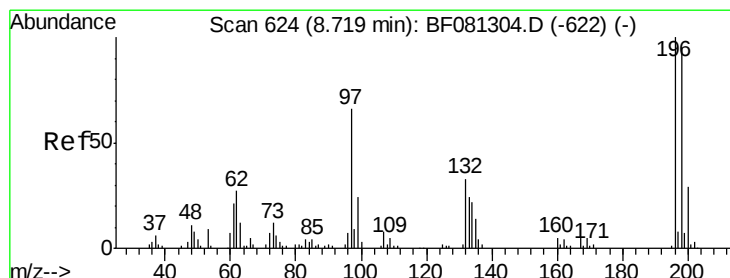
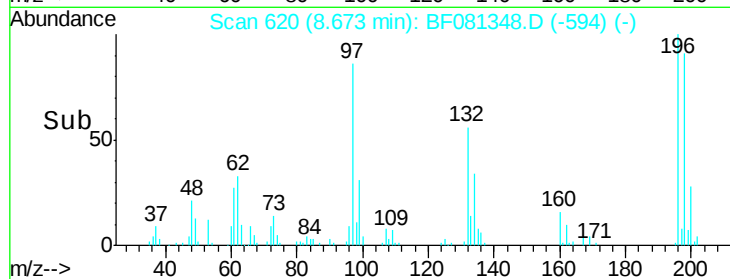
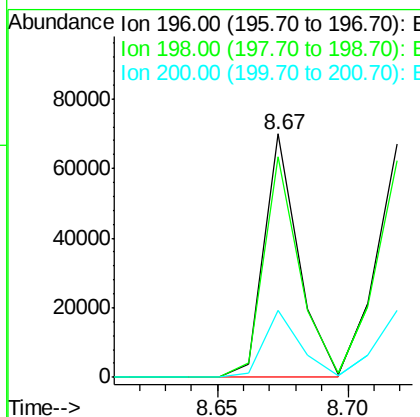
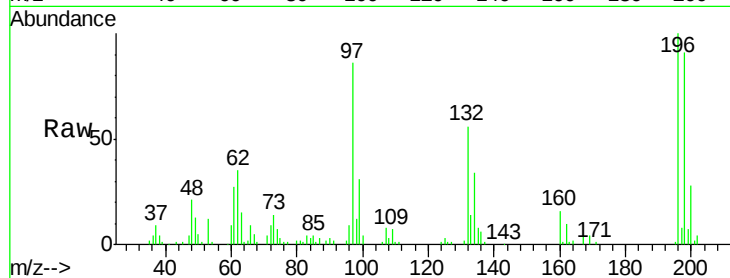




#42
 2,4,6-Trichlorophenol
 Concen: 27.58 ng
 RT: 8.67 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

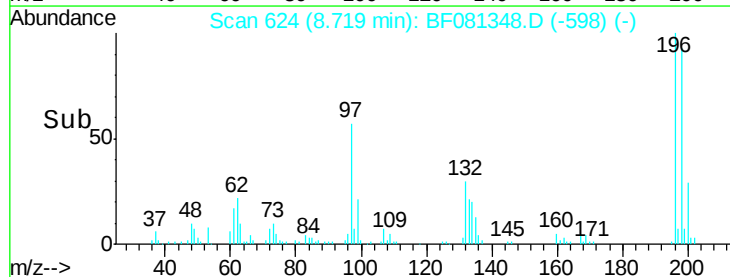
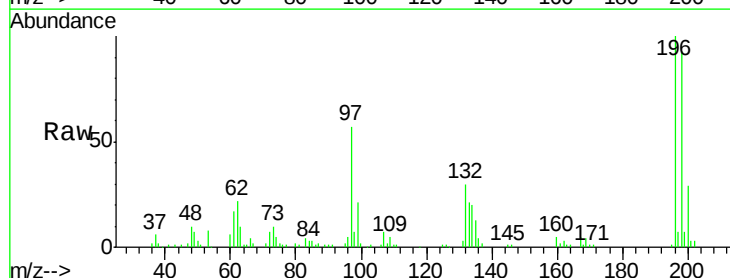
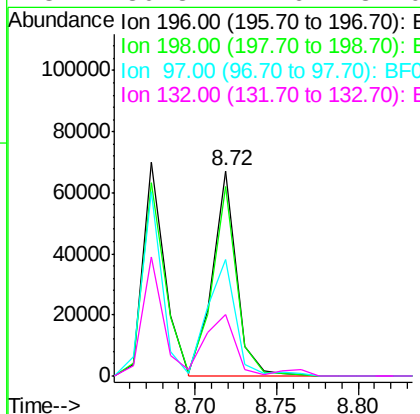
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

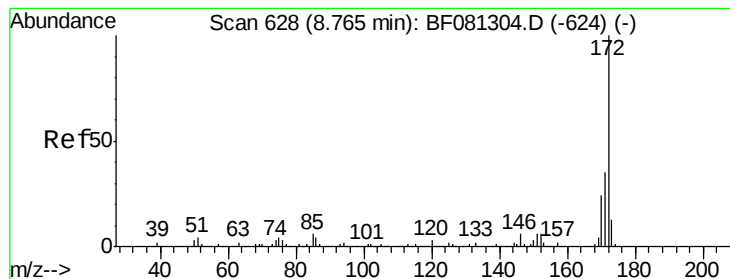
Tot Ion:196 Resp: 64875
 Ion Ratio Lower Upper
 196 100
 198 90.7 75.7 113.5
 200 27.5 23.9 35.9



#43
 2,4,5-Trichlorophenol
 Concen: 28.81 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:196 Resp: 69117
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.4 113.0
 97 56.6 33.3 49.9#
 132 30.3 24.6 37.0





#44

2-Fluorobiphenyl

Concen: 60.00 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

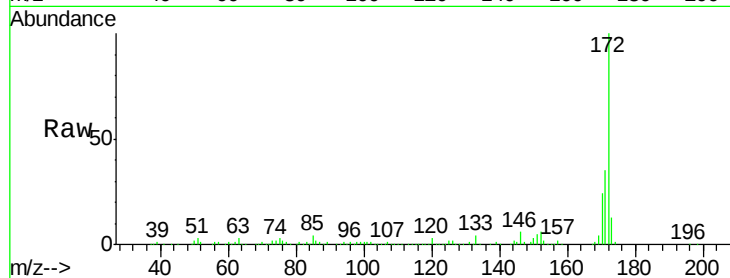
Tot Ion:172 Resp: 504532

Ion Ratio Lower Upper

172 100

171 34.9 26.1 39.1

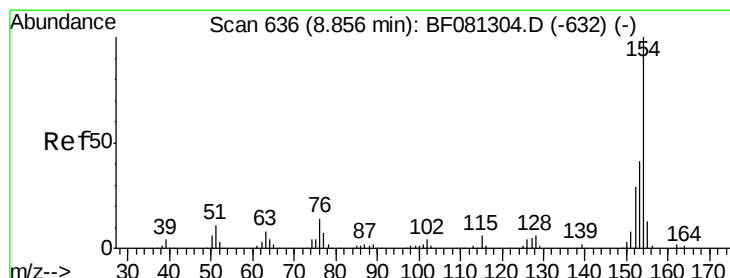
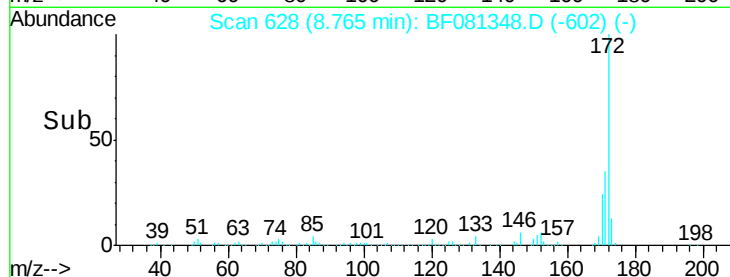
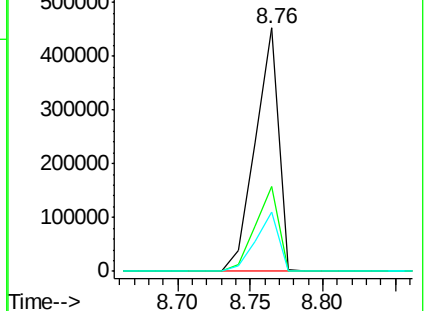
170 24.1 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 29.63 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

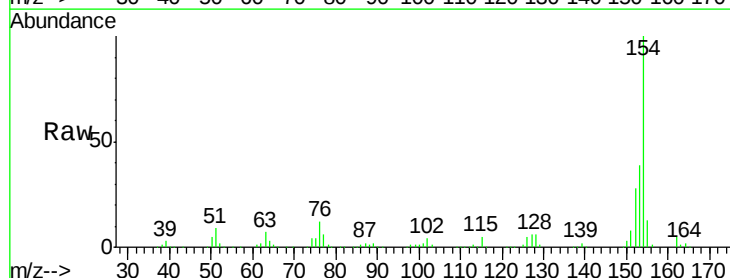
Tgt Ion:154 Resp: 293708

Ion Ratio Lower Upper

154 100

153 39.5 17.1 57.1

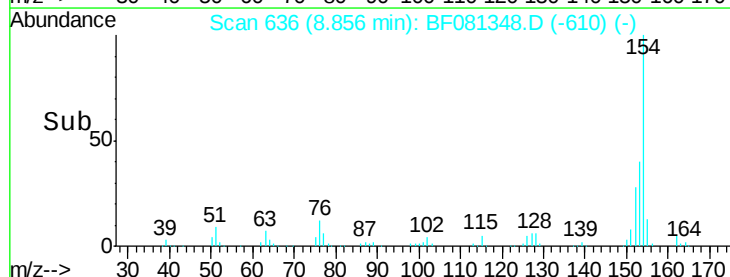
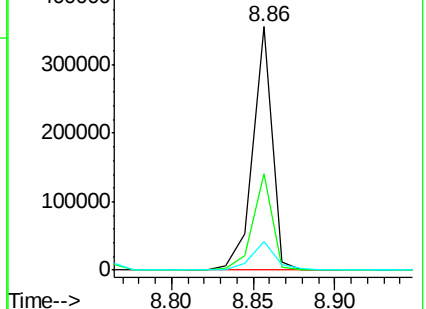
76 11.9 0.0 31.6

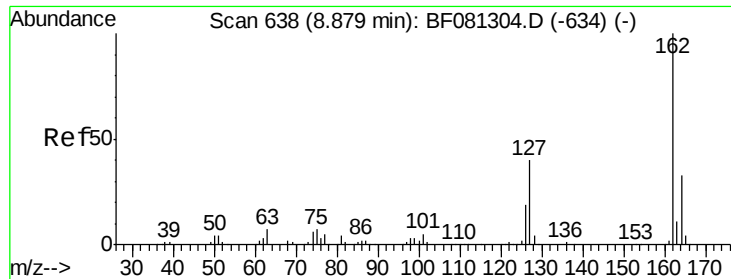


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

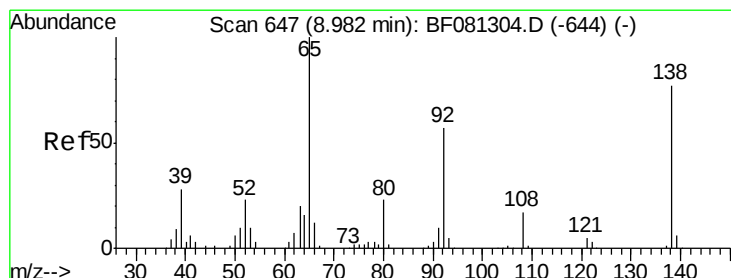
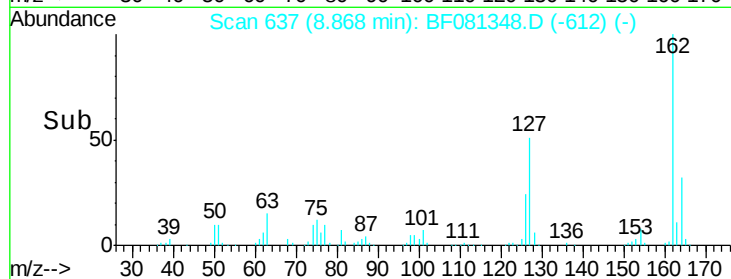
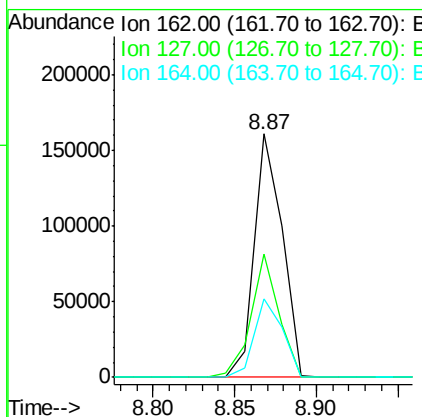
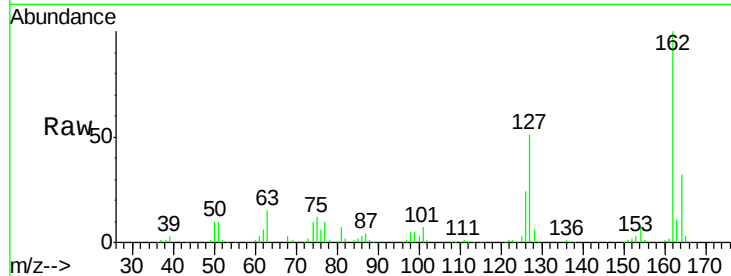




#46
 2-Chloronaphthalene
 Concen: 26.85 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

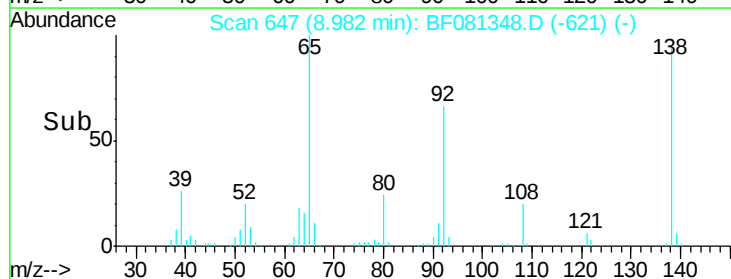
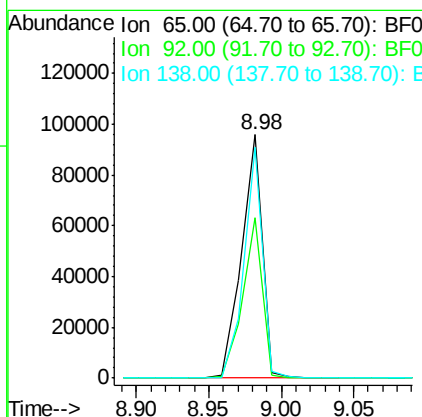
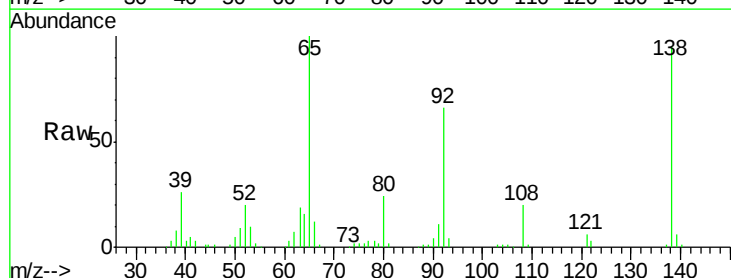
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

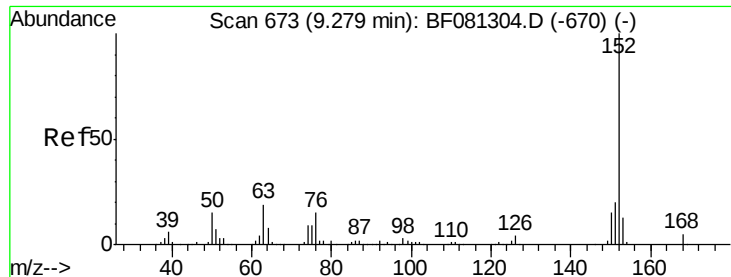
Tot Ion:162 Resp: 192201
 Ion Ratio Lower Upper
 162 100
 127 50.8 27.6 41.4#
 164 32.5 25.4 38.2



#47
 2-Nitroaniline
 Concen: 32.62 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion: 65 Resp: 95191
 Ion Ratio Lower Upper
 65 100
 92 65.7 55.4 83.0
 138 94.9 115.5 173.3#





#48

Acenaphthylene

Concen: 27.00 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

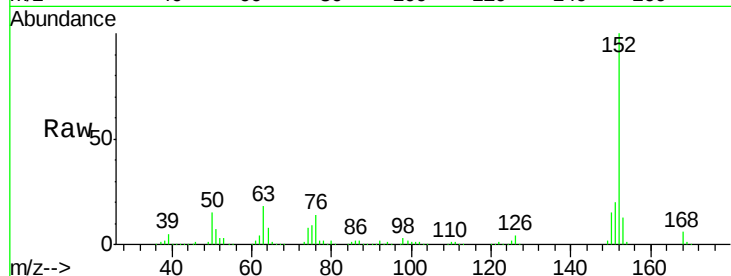
Tot Ion:152 Resp: 342880

Ion Ratio Lower Upper

152 100

151 20.1 14.6 22.0

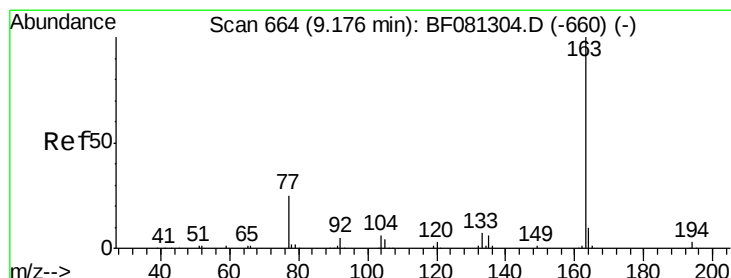
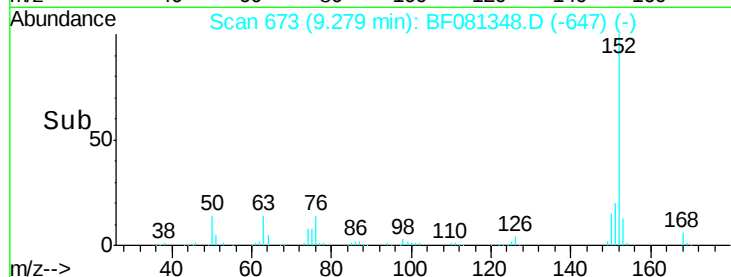
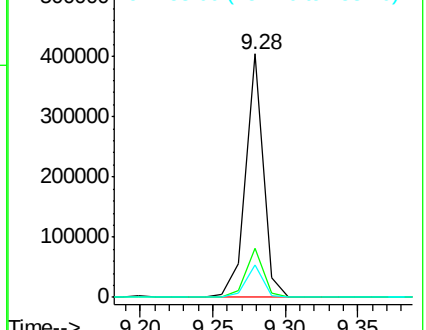
153 13.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.05 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

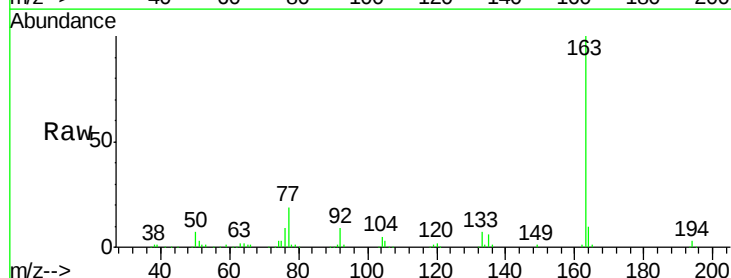
Tgt Ion:163 Resp: 335285

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

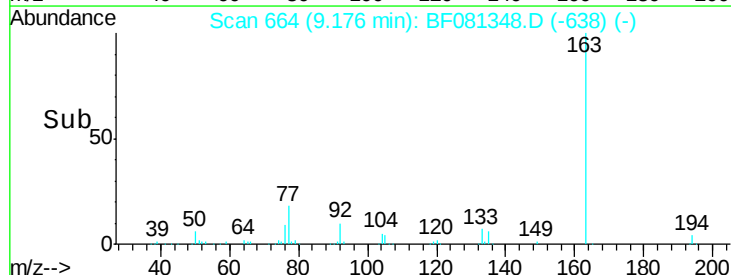
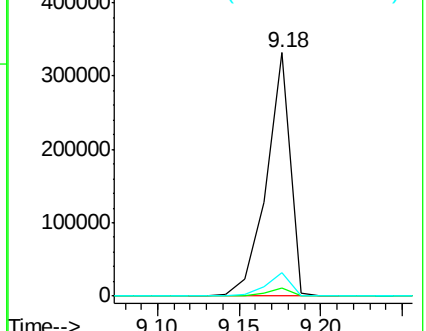
164 9.7 8.3 12.5

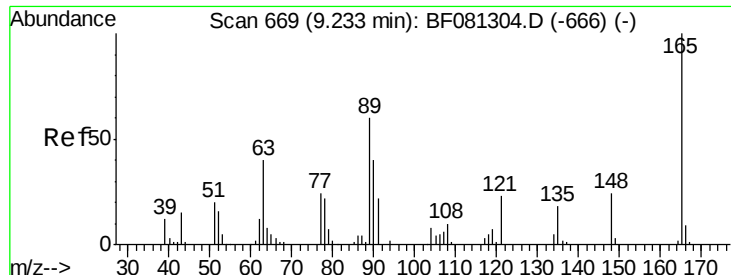


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

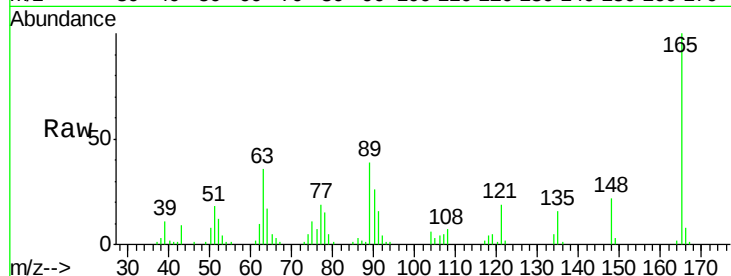




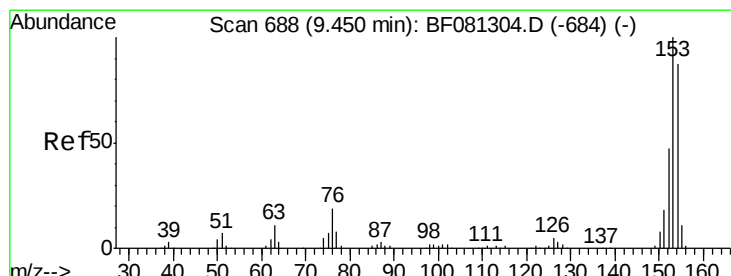
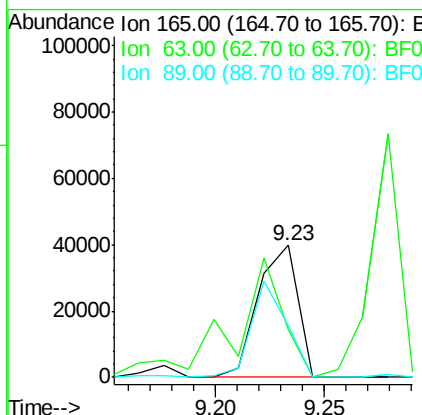
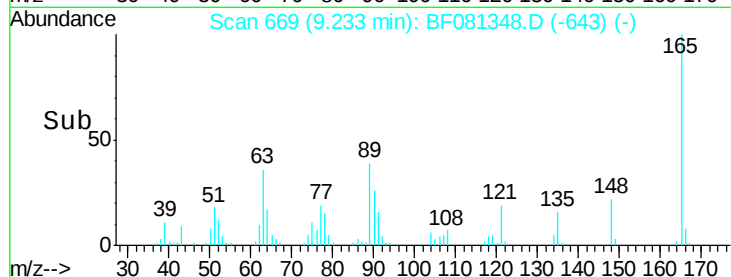
#50
 2,6-Dinitrotoluene
 Concen: 26.83 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.1	32.3	48.5
89	38.9	28.6	43.0

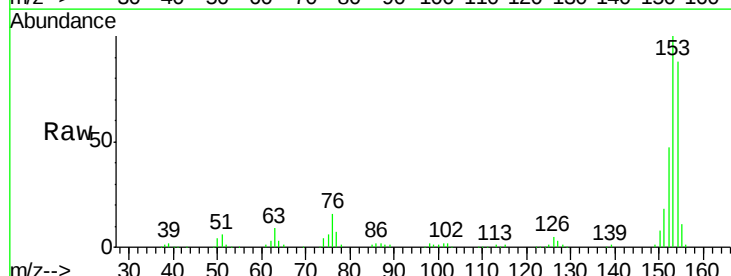


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

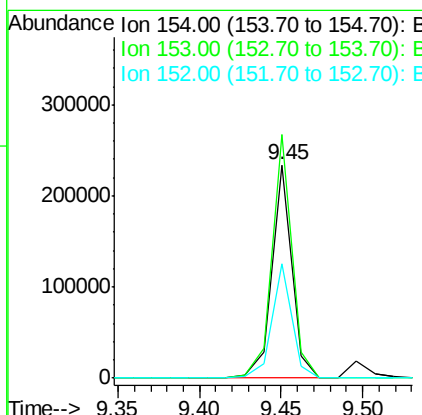
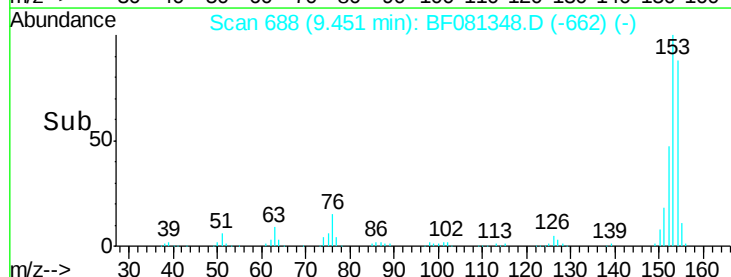


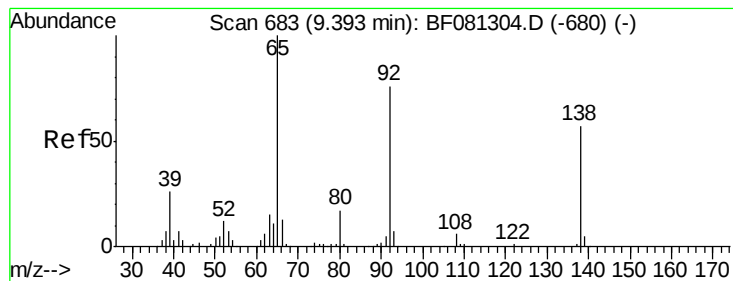
#51
 Acenaphthene
 Concen: 27.57 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	82.1	123.1
152	53.9	37.9	56.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 23.09 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

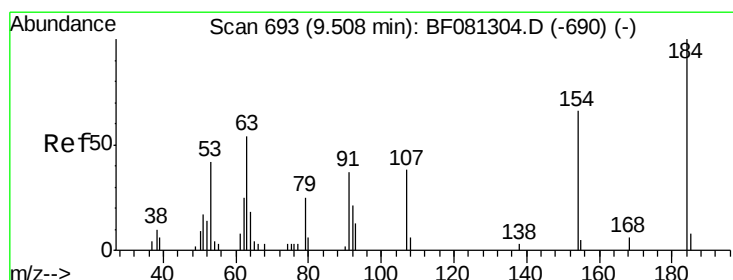
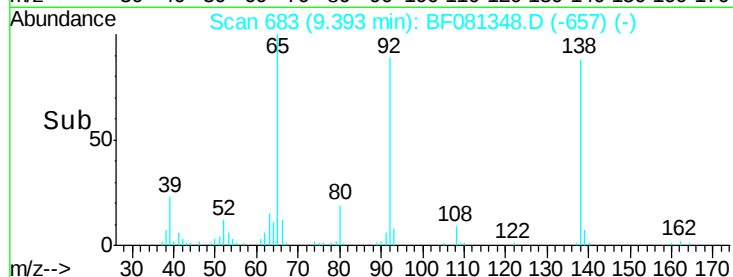
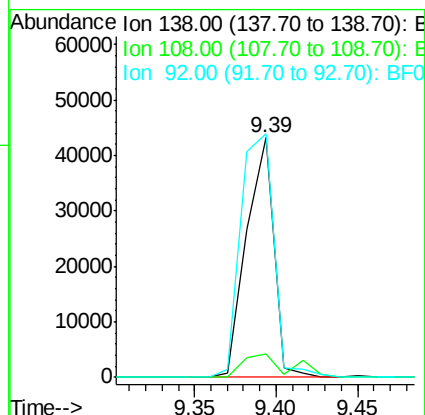
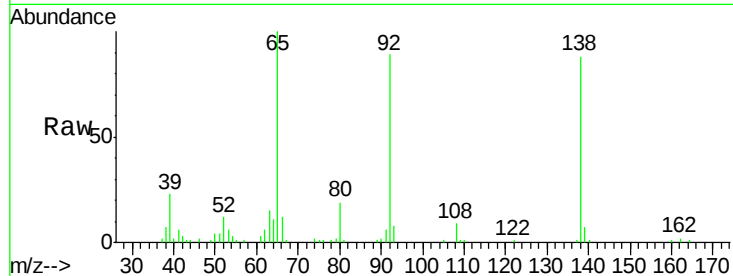
Tot Ion:138 Resp: 49947

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

92 101.6 67.7 101.5#



#53

2,4-Dinitrophenol

Concen: 30.90 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

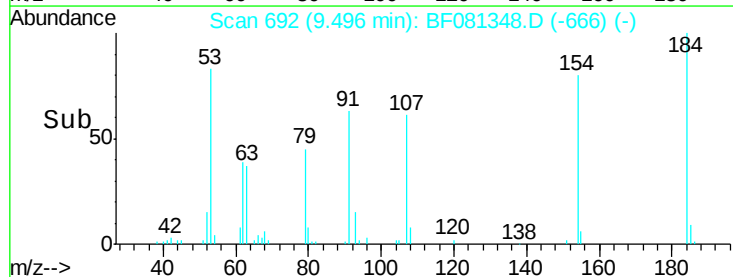
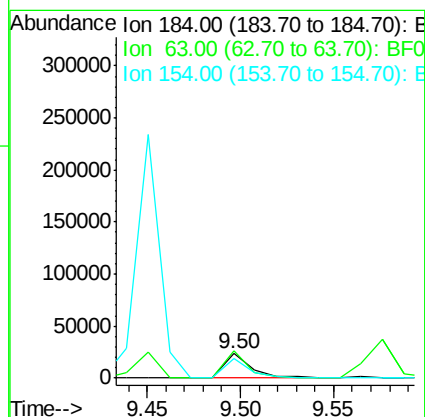
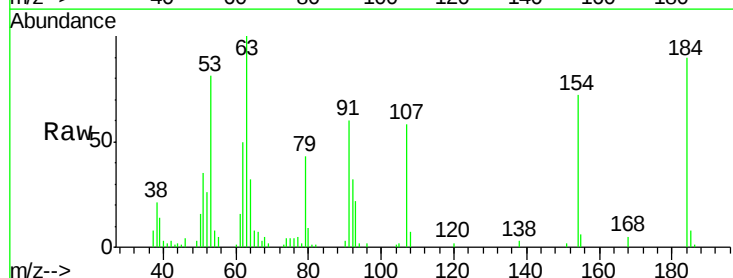
Tgt Ion:184 Resp: 24734

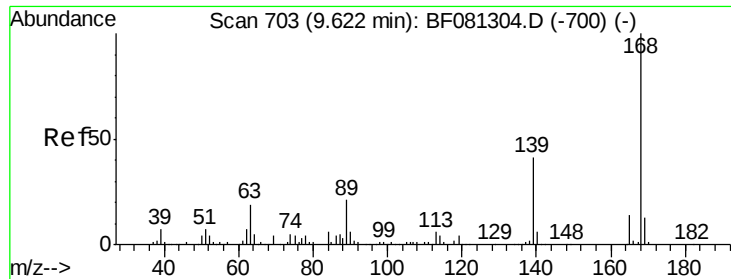
Ion Ratio Lower Upper

184 100

63 111.5 35.4 53.2#

154 80.1 32.2 48.4#

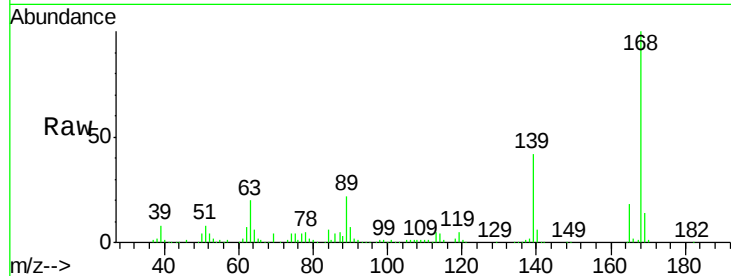




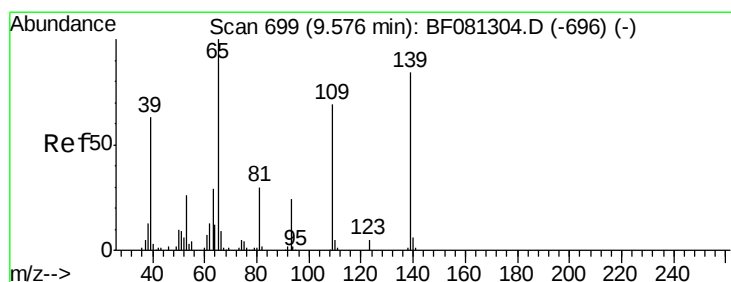
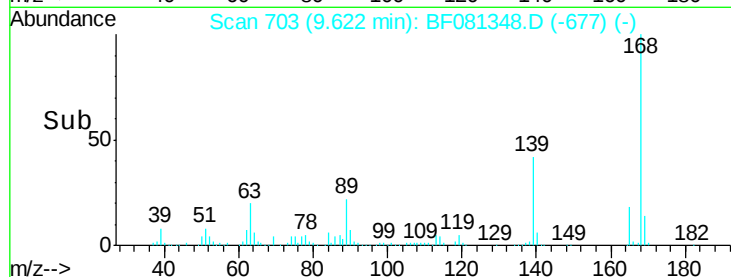
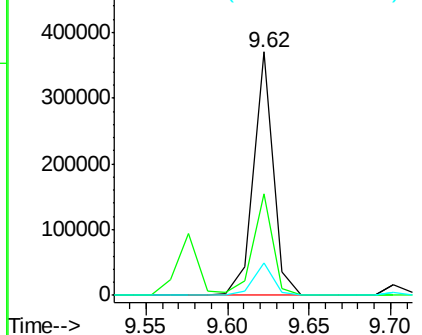
#54
Dibenzenofuran
Concen: 29.40 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tot Ion:168 Resp: 310179
Ion Ratio Lower Upper
168 100
139 41.8 24.2 36.2#
169 13.5 10.6 15.8

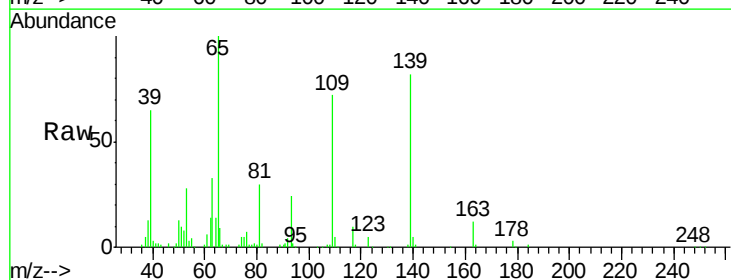


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

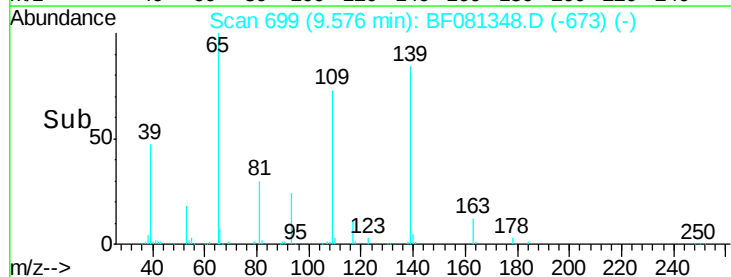
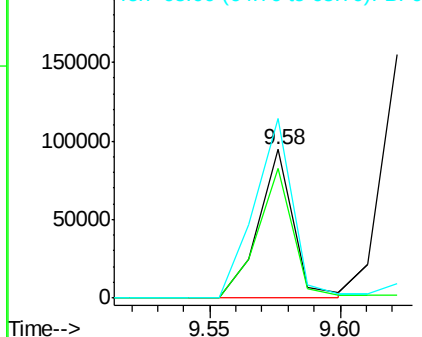


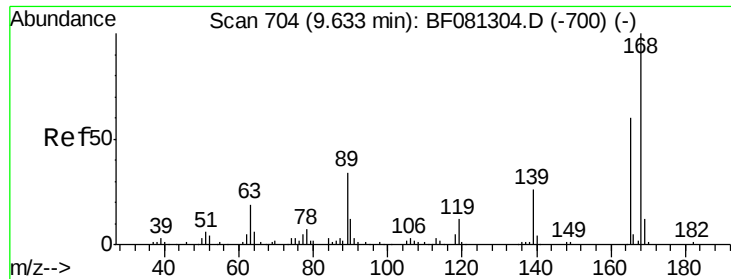
#55
4-Nitrophenol
Concen: 65.54 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion:139 Resp: 89076
Ion Ratio Lower Upper
139 100
109 87.1 12.7 52.7#
65 121.3 45.9 85.9#



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

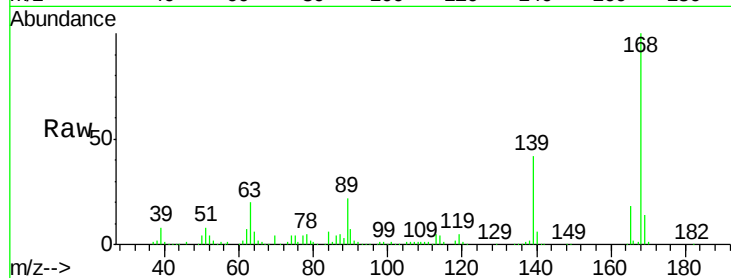




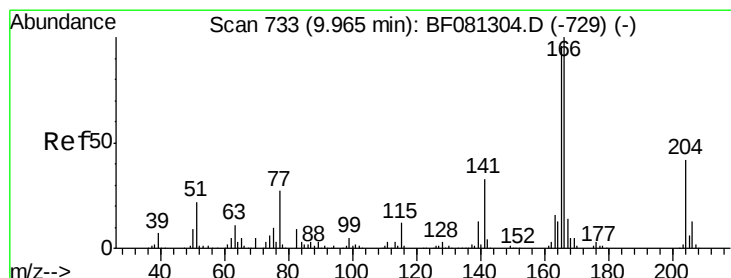
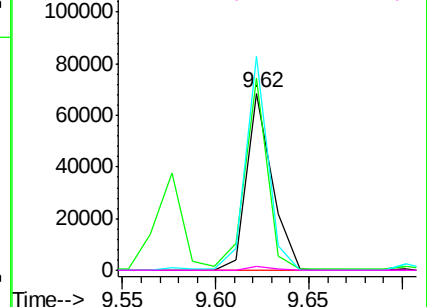
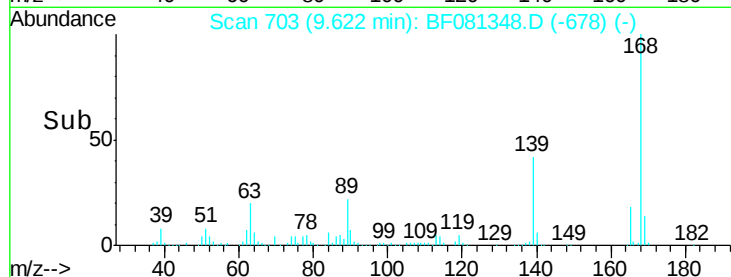
#56
 2,4-Dinitrotoluene
 Concen: 26.89 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tot Ion:165 Resp: 65067
 Ion Ratio Lower Upper
 165 100
 63 108.8 29.8 44.6#
 89 120.9 44.5 66.7#
 182 2.0 3.0 4.4#

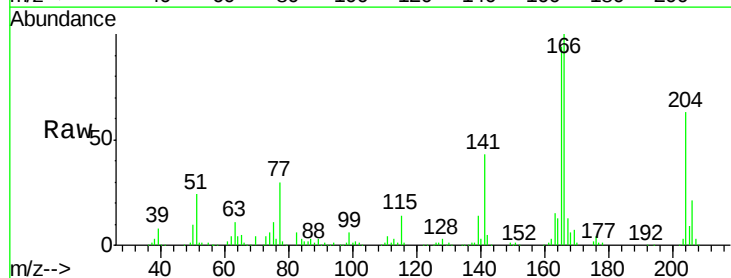


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

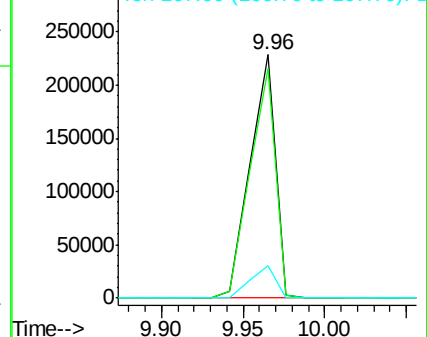
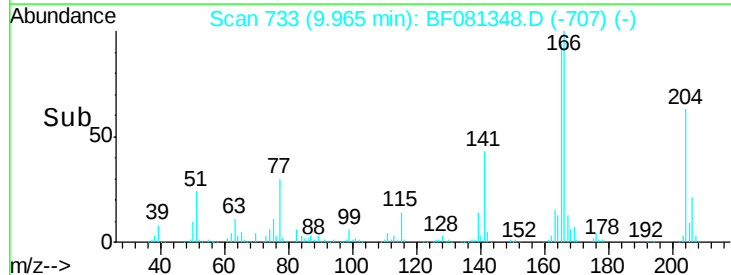


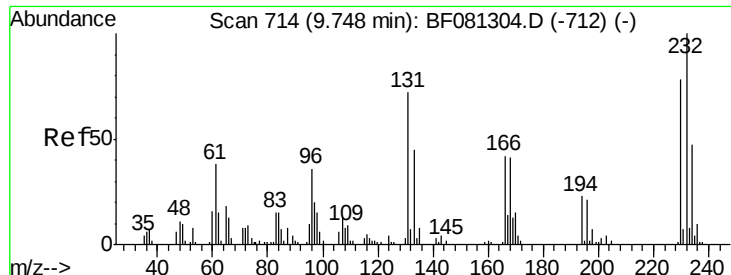
#57
 Fluorene
 Concen: 30.67 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:166 Resp: 245532
 Ion Ratio Lower Upper
 166 100
 165 94.3 72.6 109.0
 167 13.5 10.6 16.0



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

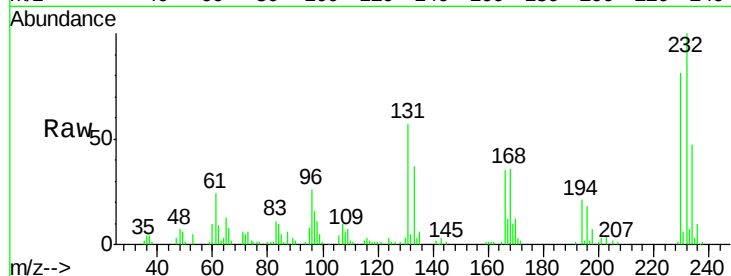




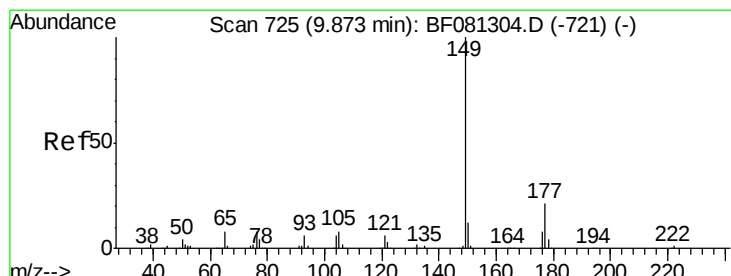
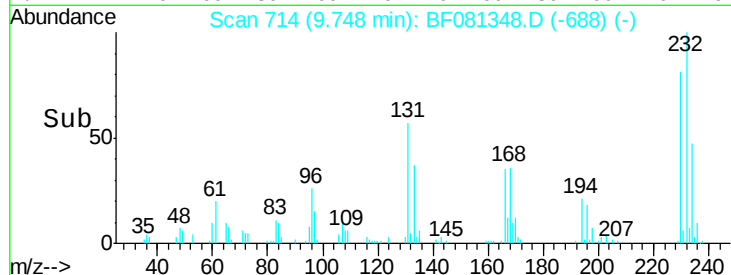
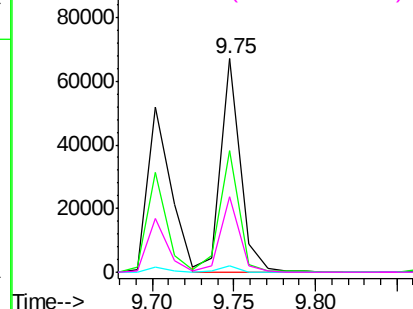
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.89 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tot Ion:232 Resp: 56588
 Ion Ratio Lower Upper
 232 100
 131 57.4 38.5 57.7
 130 2.9 1.8 2.6#
 166 34.3 25.0 37.6

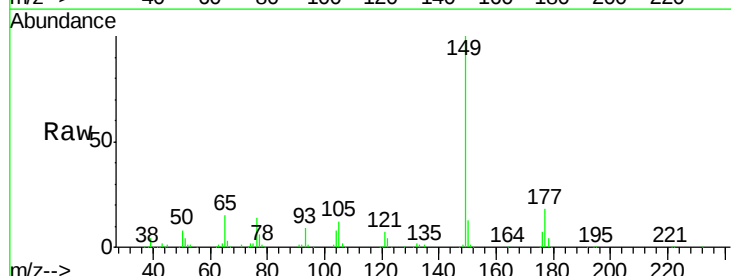


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

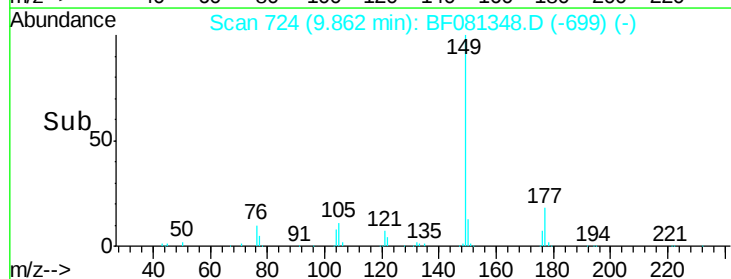
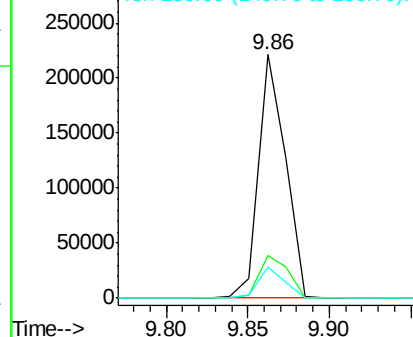


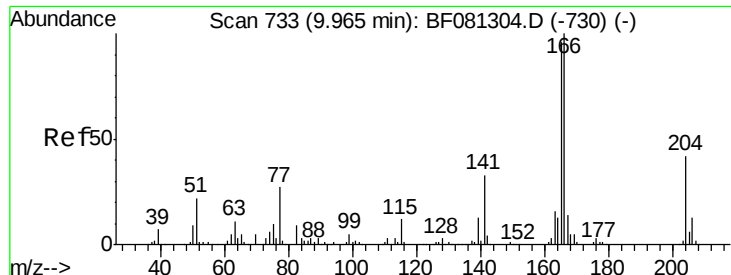
#59
 Diethylphthalate
 Concen: 28.69 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:149 Resp: 252638
 Ion Ratio Lower Upper
 149 100
 177 17.6 17.5 26.3
 150 12.9 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

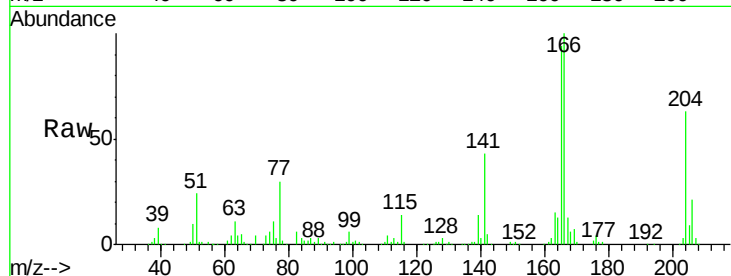




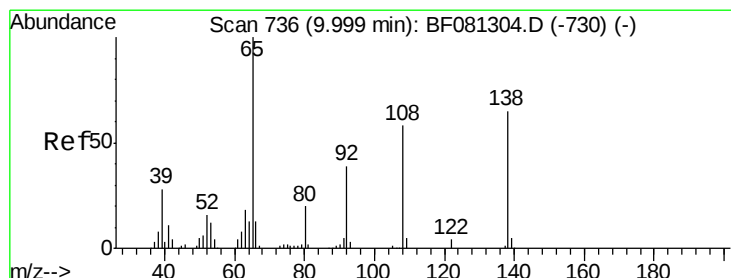
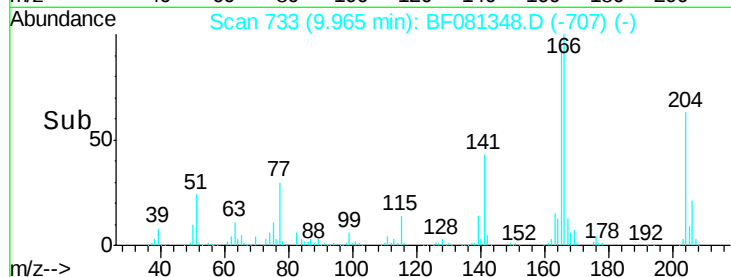
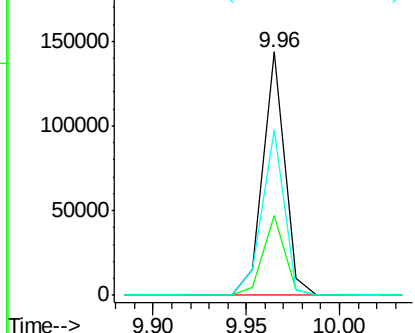
#60
 4-Chlorophenyl-phenylether
 Concen: 31.11 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tot Ion:204 Resp: 116081
 Ion Ratio Lower Upper
 204 100
 206 32.7 24.8 37.2
 141 68.2 42.2 63.4#

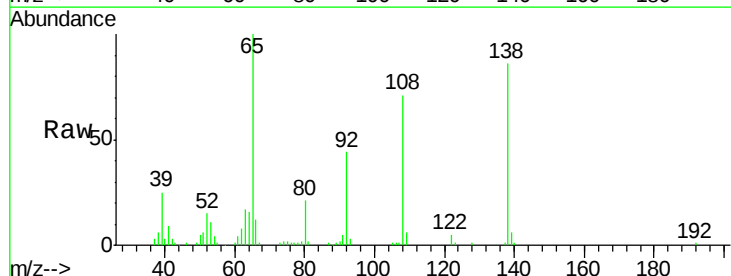


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

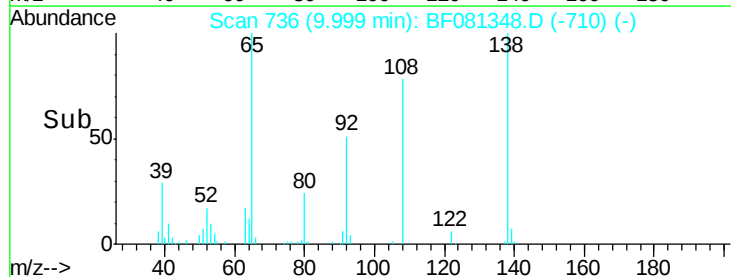
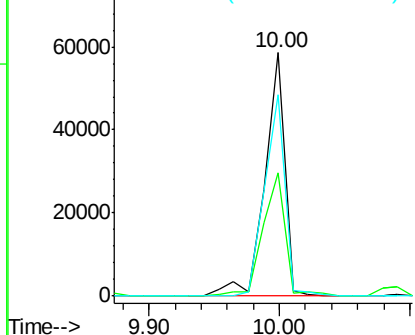


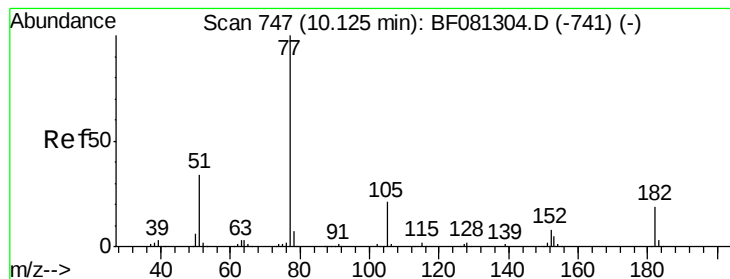
#61
 4-Nitroaniline
 Concen: 28.96 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:138 Resp: 63300
 Ion Ratio Lower Upper
 138 100
 92 50.7 12.6 52.6
 108 82.8 12.4 52.4#



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





#62

Azobenzene

Concen: 31.49 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

Tot Ion: 77 Resp: 308334

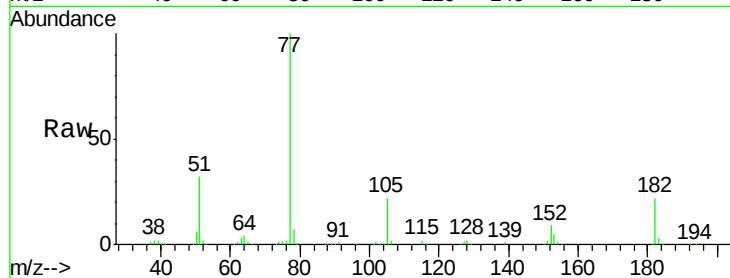
Ion Ratio Lower Upper

77 100

182 22.3 15.1 55.1

105 22.3 3.4 43.4

51 32.5 12.0 52.0

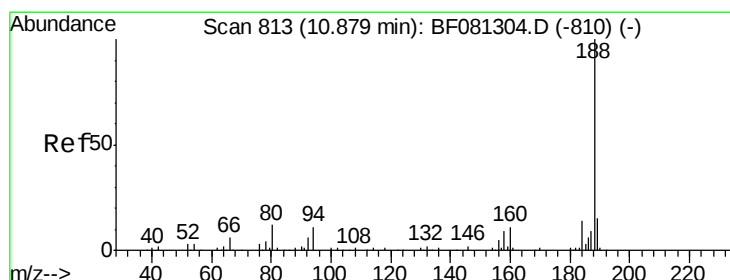
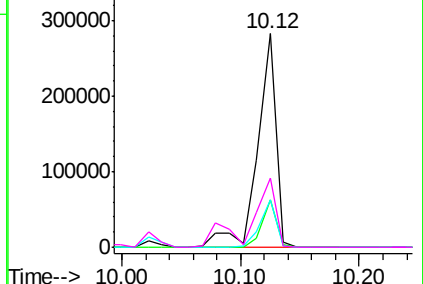
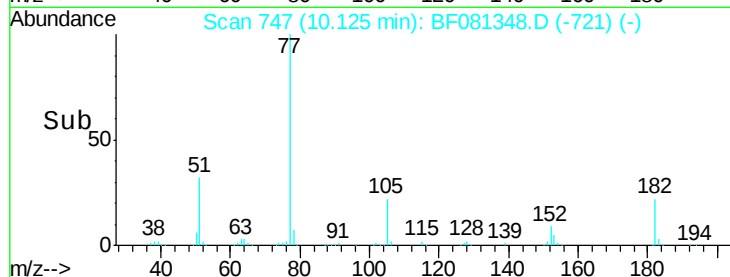


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

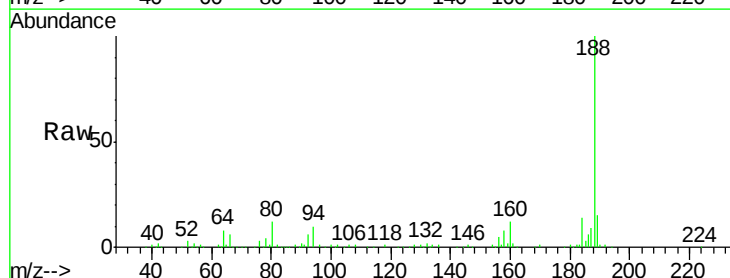
Tgt Ion: 188 Resp: 212978

Ion Ratio Lower Upper

188 100

94 10.5 11.1 16.7#

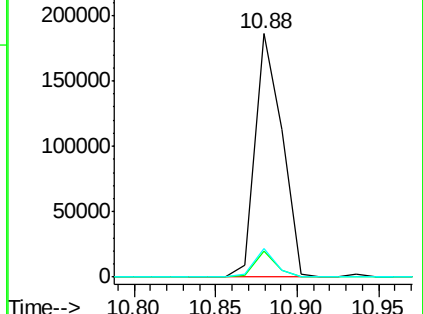
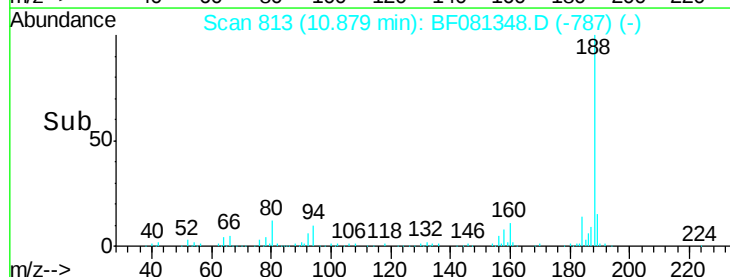
80 11.8 11.0 16.4

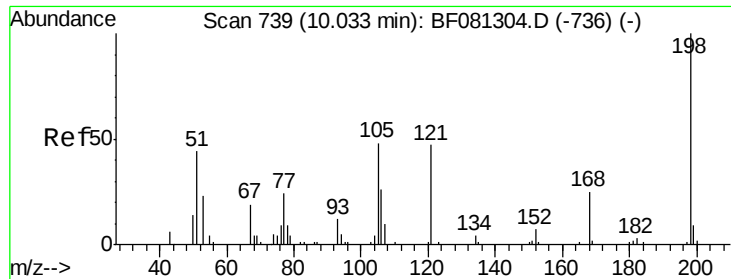


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 21.64 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

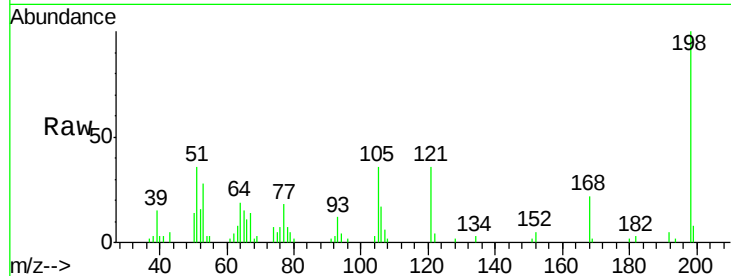
Tot Ion:198 Resp: 25775

Ion Ratio Lower Upper

198 100

51 35.9 39.6 79.6#

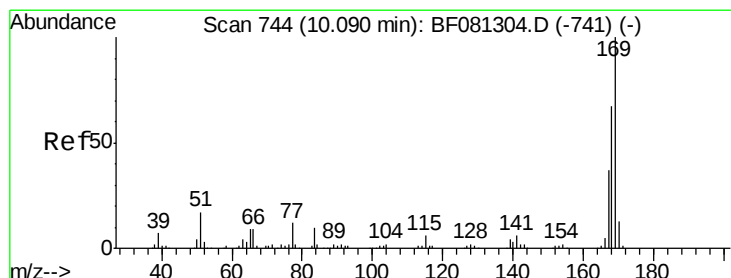
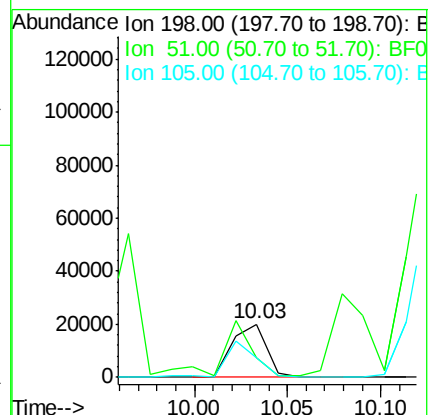
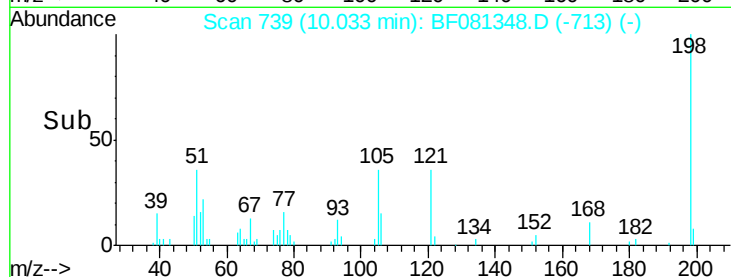
105 35.6 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 28.53 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

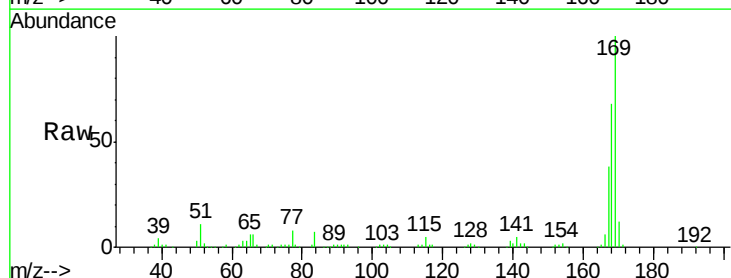
Tgt Ion:169 Resp: 221112

Ion Ratio Lower Upper

169 100

168 67.9 48.9 73.3

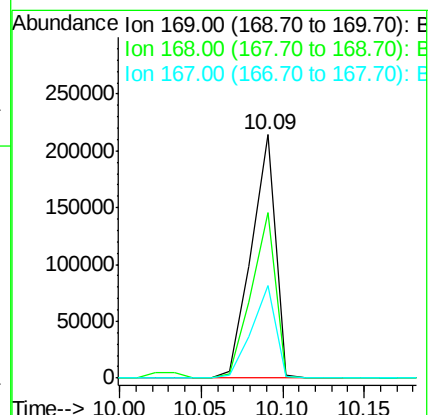
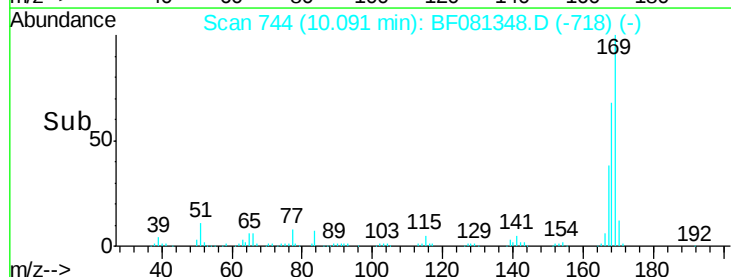
167 38.1 26.2 39.4

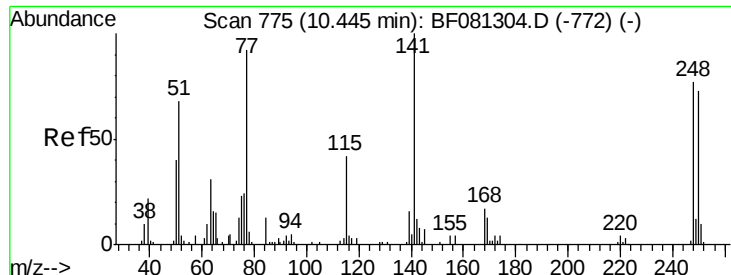


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

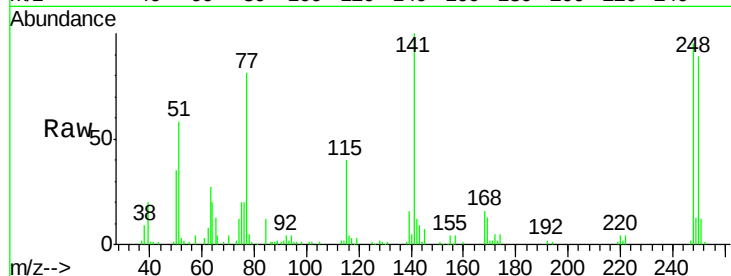




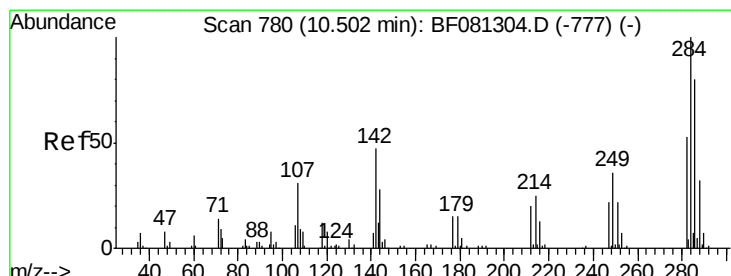
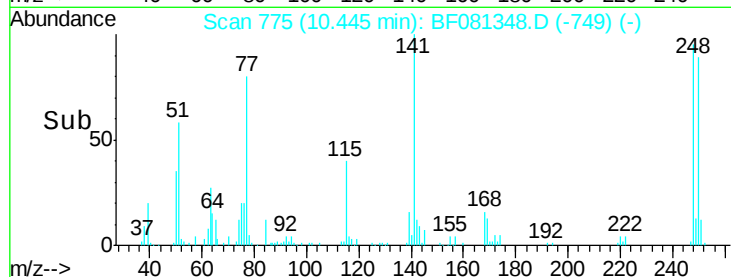
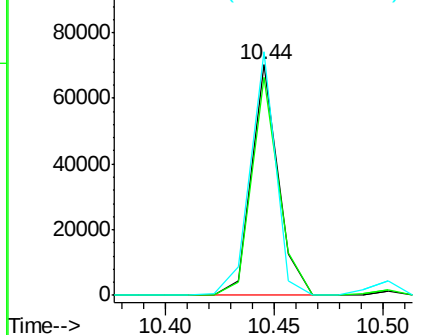
#66
 4-Bromophenyl-phenylether
 Concen: 27.86 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tot Ion:248 Resp: 60005
 Ion Ratio Lower Upper
 248 100
 250 94.4 78.5 117.7
 141 105.6 59.0 88.6#

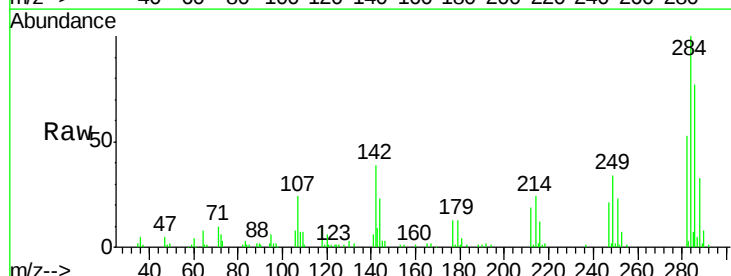


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

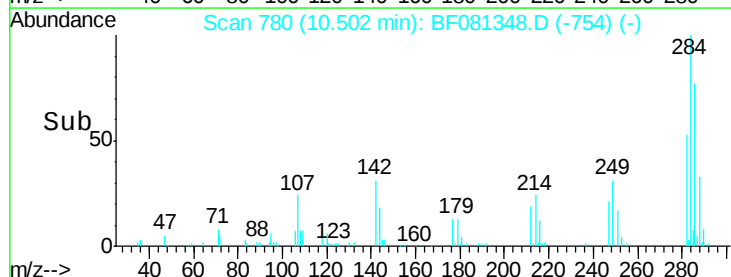
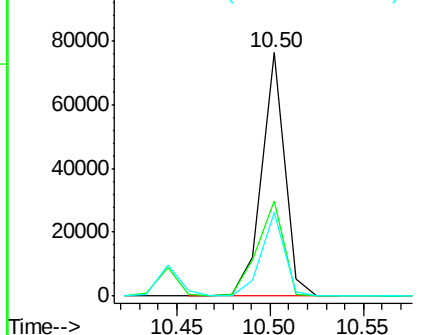


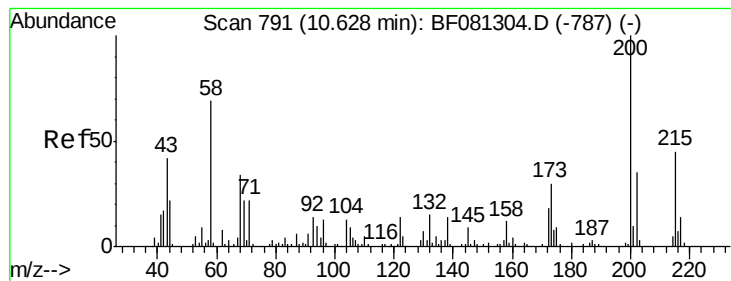
#67
 Hexachlorobenzene
 Concen: 28.75 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:284 Resp: 64724
 Ion Ratio Lower Upper
 284 100
 142 38.9 29.5 44.3
 249 34.3 19.5 29.3#



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





#68

Atrazine

Concen: 21.58 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

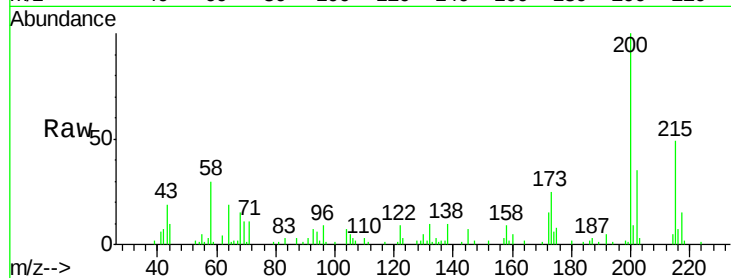
Tot Ion:200 Resp: 48403

Ion Ratio Lower Upper

200 100

173 25.4 13.2 53.2

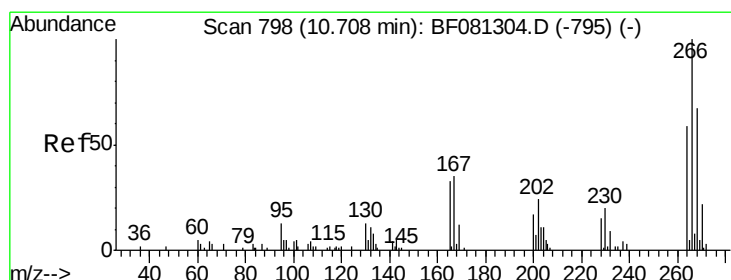
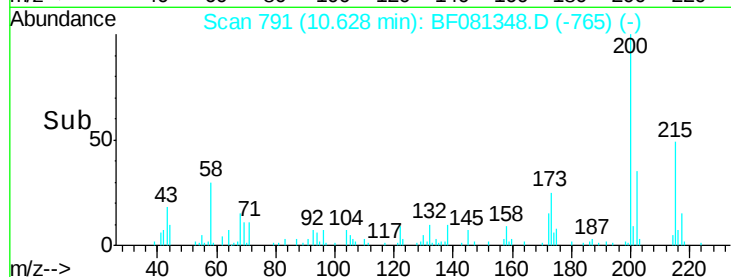
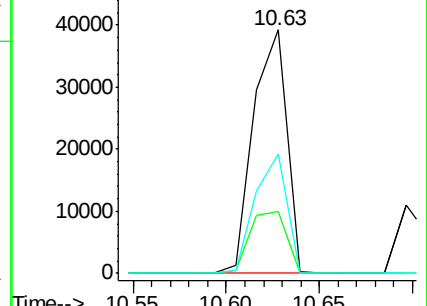
215 49.0 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 57.78 ng

RT: 10.71 min Scan# 798

Delta R.T. 0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

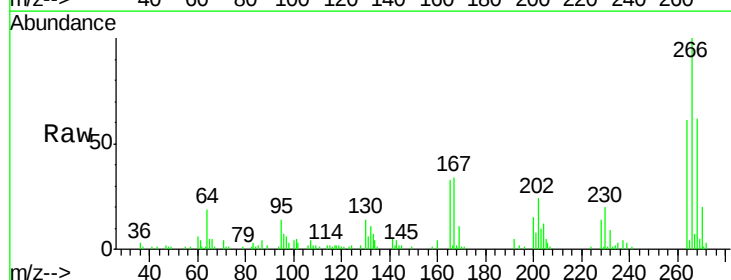
Tgt Ion:266 Resp: 60351

Ion Ratio Lower Upper

266 100

268 61.5 49.8 74.6

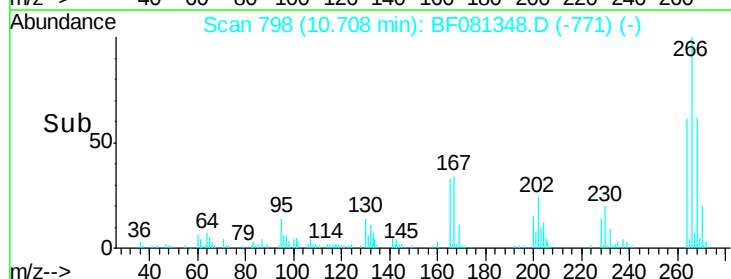
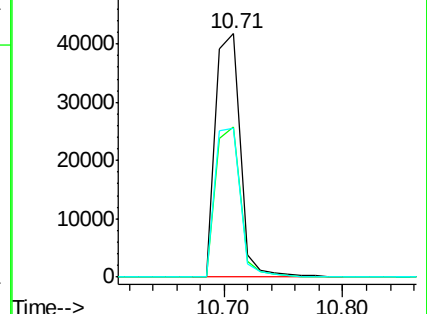
264 61.0 50.2 75.2

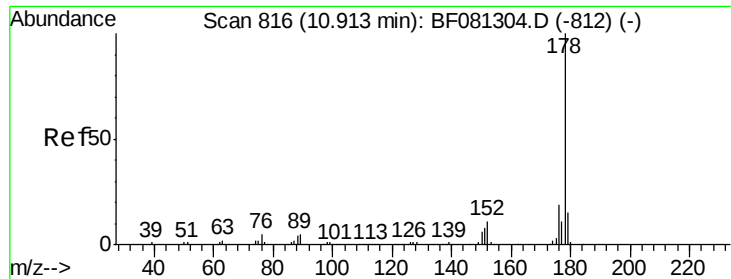


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

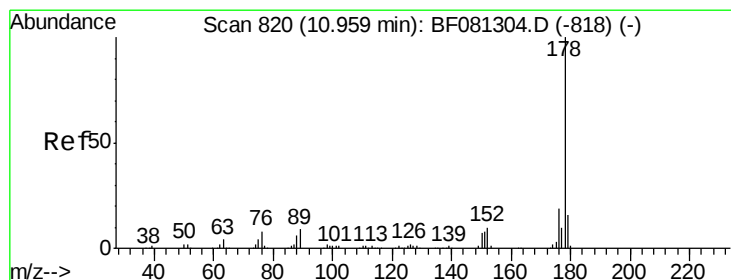
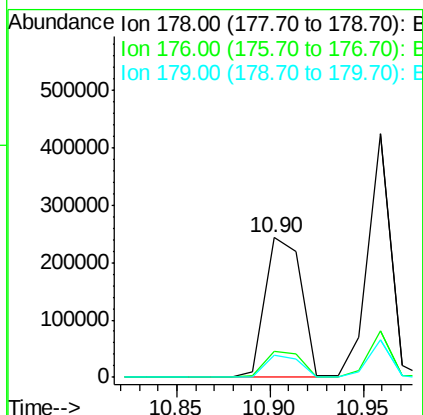
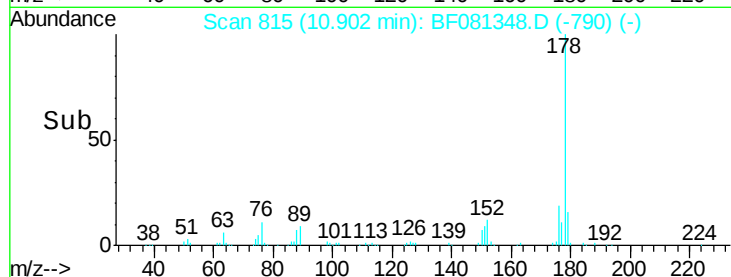
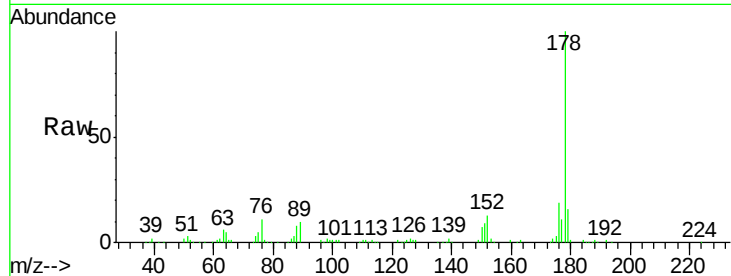




#70
Phenanthrene
Concen: 27.72 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

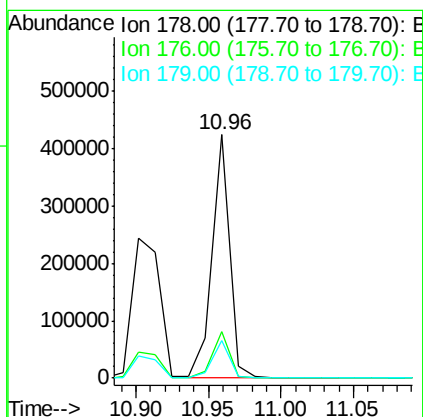
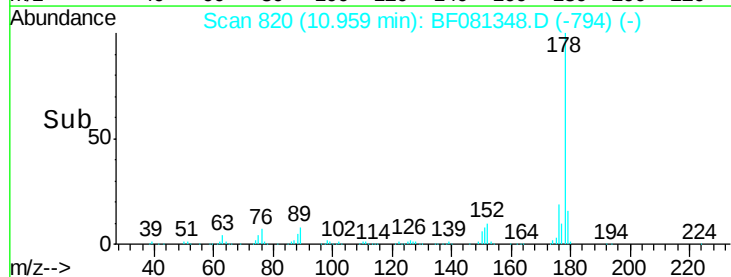
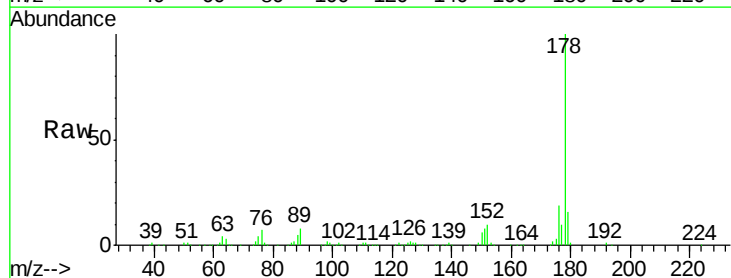
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

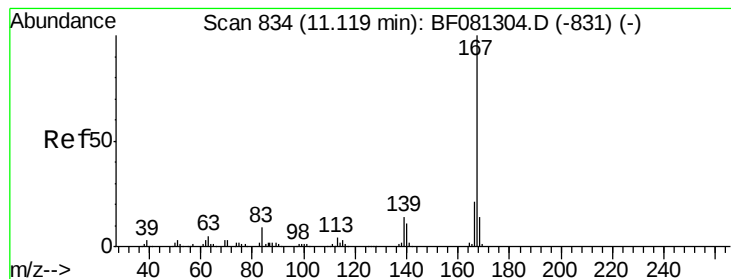
Tot Ion:178 Resp: 328187
Ion Ratio Lower Upper
178 100
176 19.0 13.8 20.8
179 15.5 12.2 18.2



#71
Anthracene
Concen: 29.24 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion:178 Resp: 355720
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 15.6 12.2 18.2





#72

Carbazole

Concen: 26.52 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

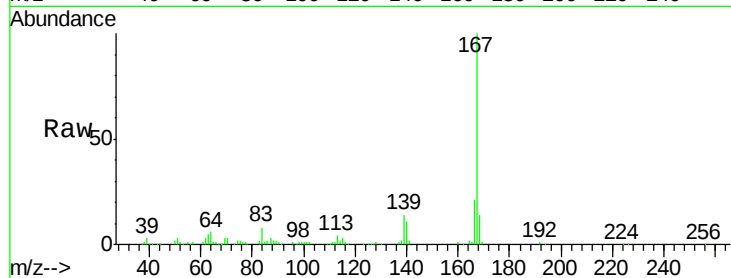
Tot Ion:167 Resp: 302779

Ion Ratio Lower Upper

167 100

166 21.5 15.7 23.5

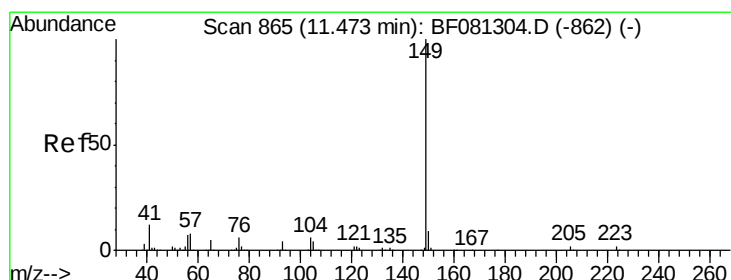
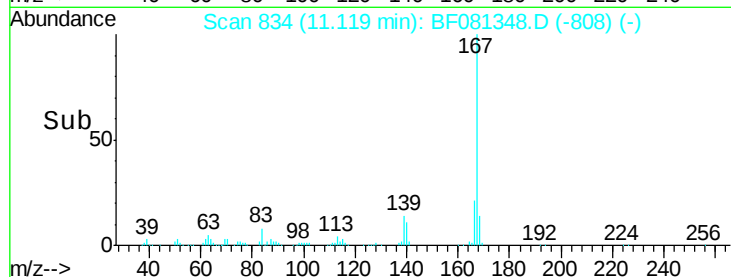
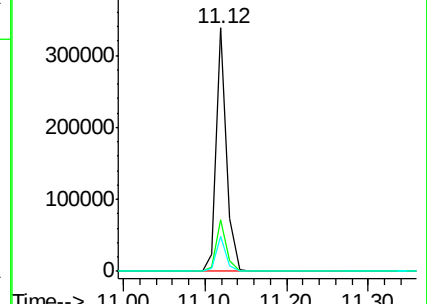
139 14.2 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 27.45 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

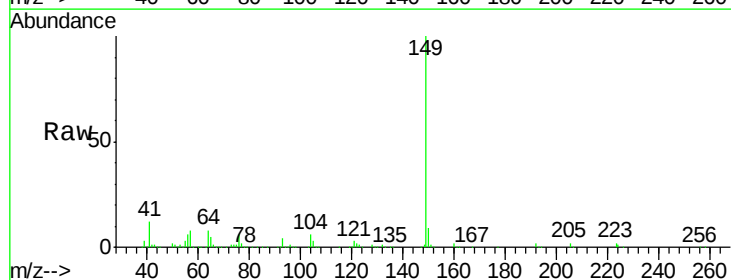
Tgt Ion:149 Resp: 369984

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

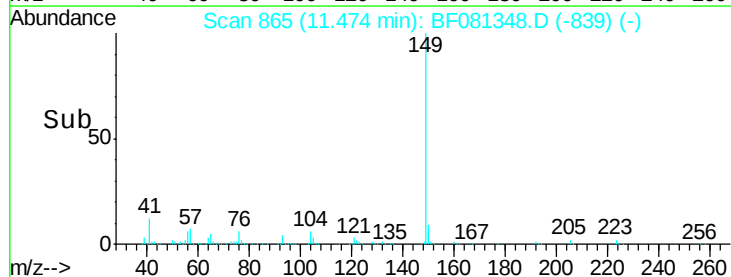
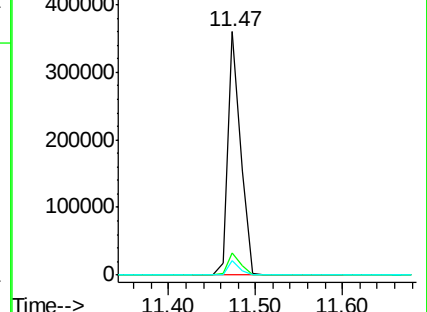
104 5.8 2.4 3.6#

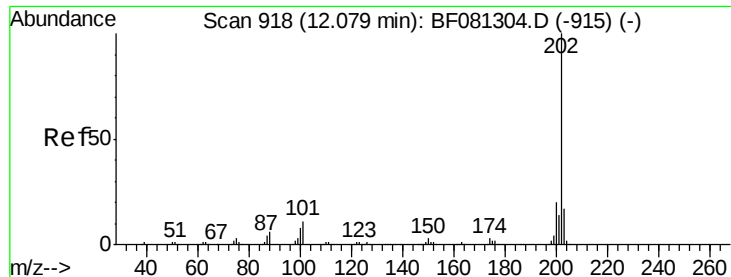


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 26.07 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

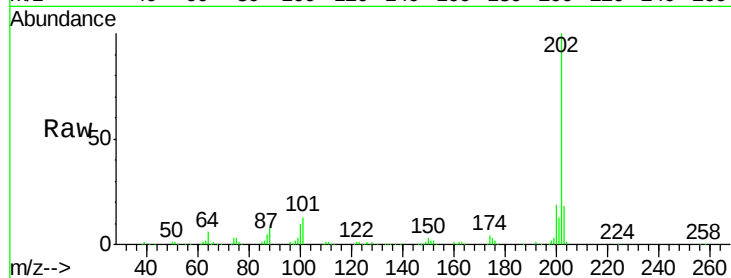
Tot Ion:202 Resp: 334218

Ion Ratio Lower Upper

202 100

101 12.9 0.0 38.3

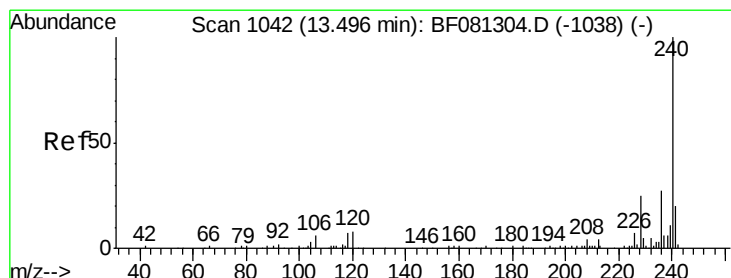
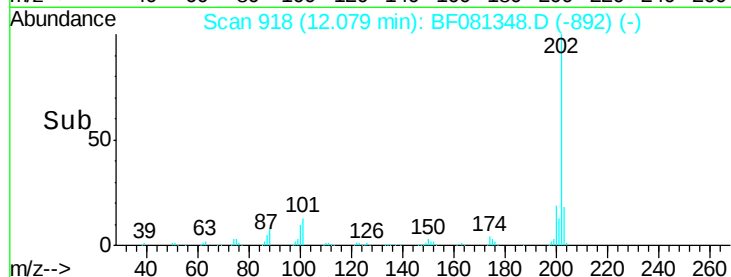
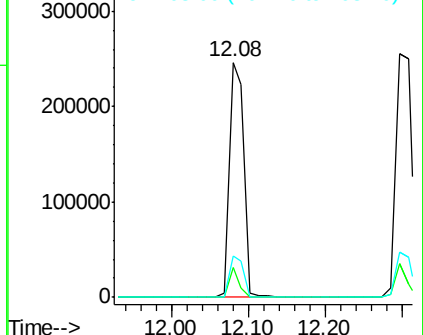
203 17.8 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

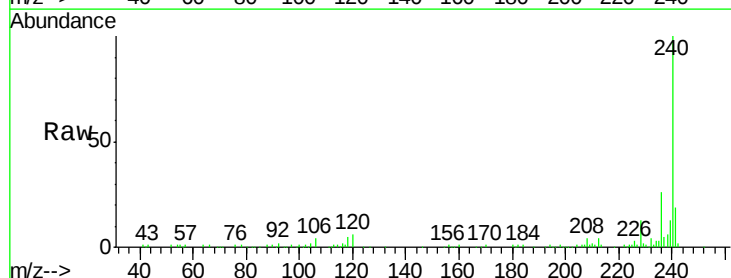
Tgt Ion:240 Resp: 162508

Ion Ratio Lower Upper

240 100

120 6.2 16.2 24.2#

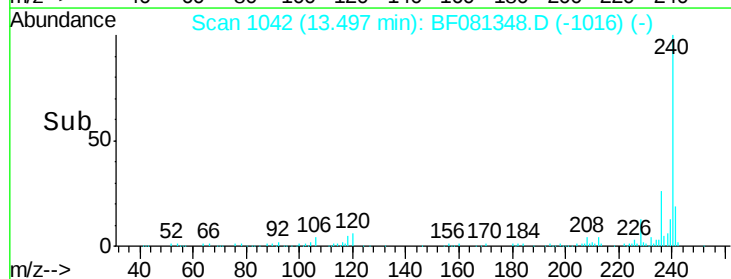
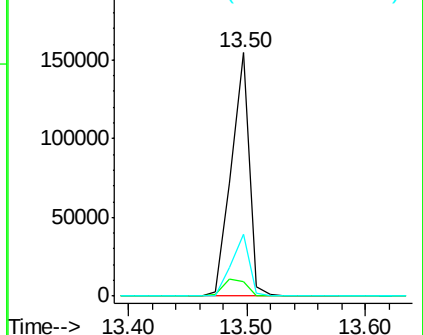
236 25.6 18.4 27.6

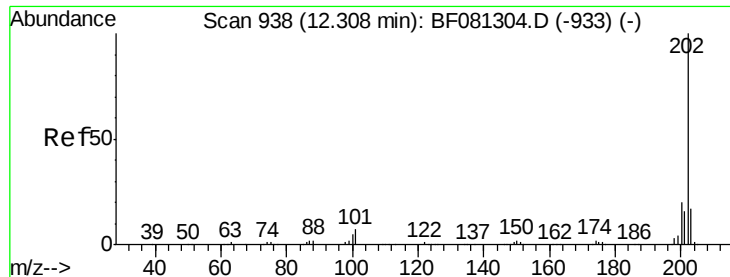


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

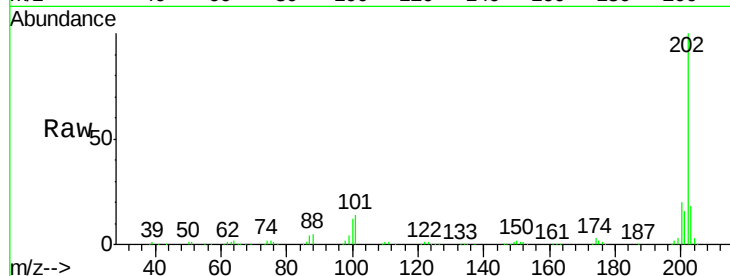




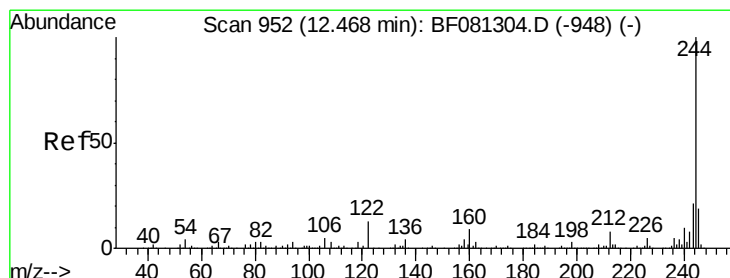
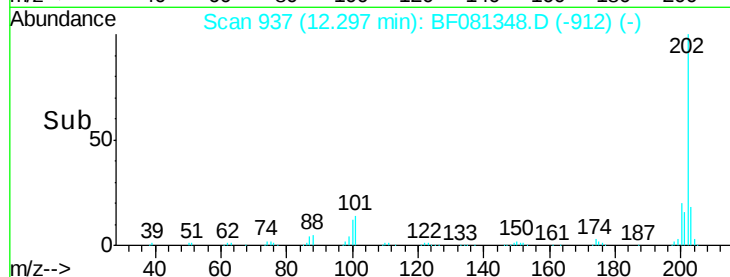
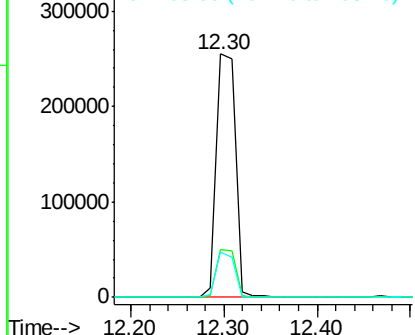
#77
Pvrene
Concen: 30.04 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.0	22.4
203	18.4	14.1	21.1

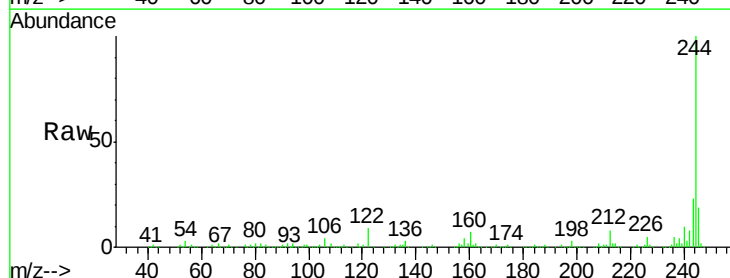


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

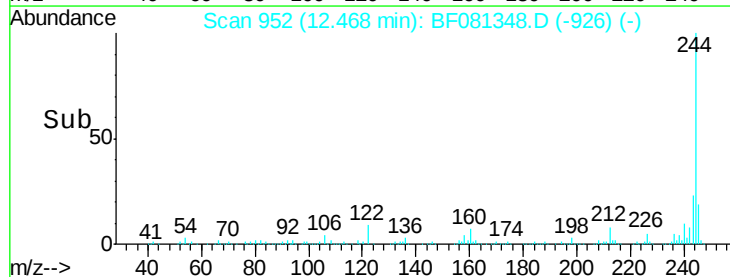
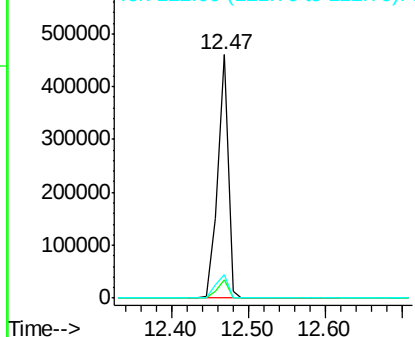


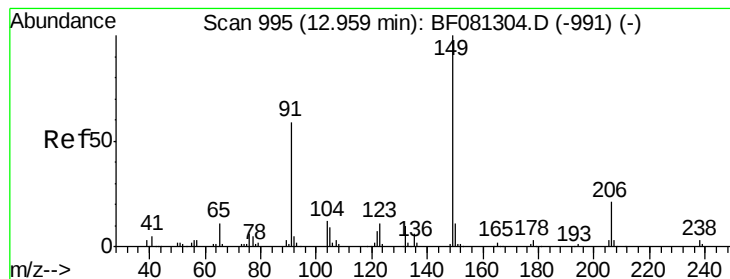
#78
Terphenyl-d14
Concen: 62.22 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	9.4	17.4	26.2#



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





#79

Butylbenzylphthalate

Concen: 28.53 ng

RT: 12.95 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

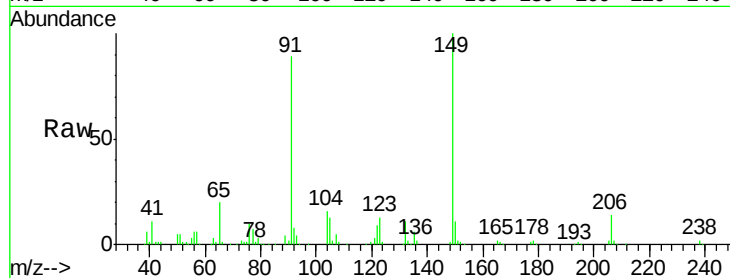
Tot Ion:149 Resp: 149371

Ion Ratio Lower Upper

149 100

91 89.3 48.6 72.8#

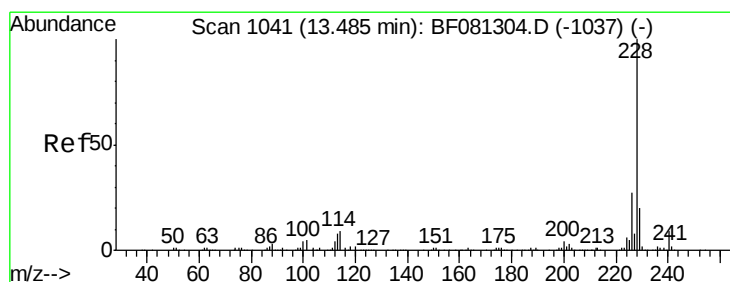
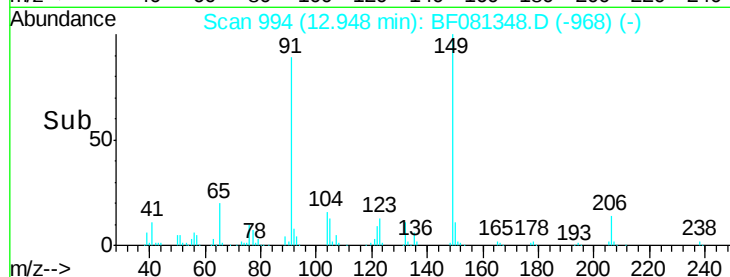
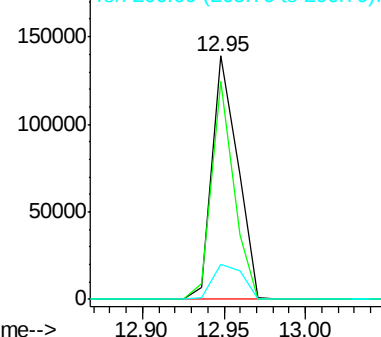
206 14.3 14.9 22.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 26.94 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

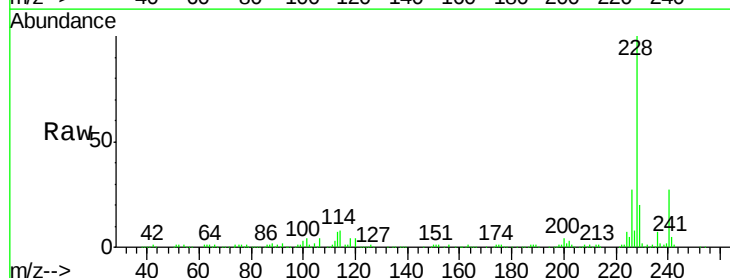
Tgt Ion:228 Resp: 278781

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

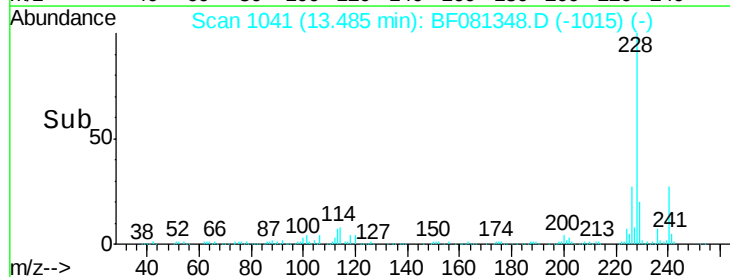
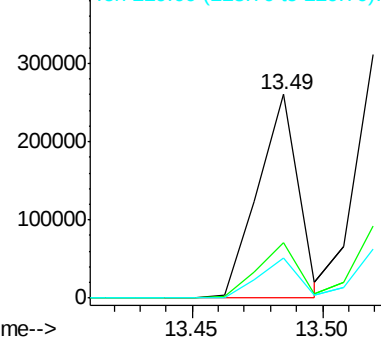
229 19.6 15.4 23.2

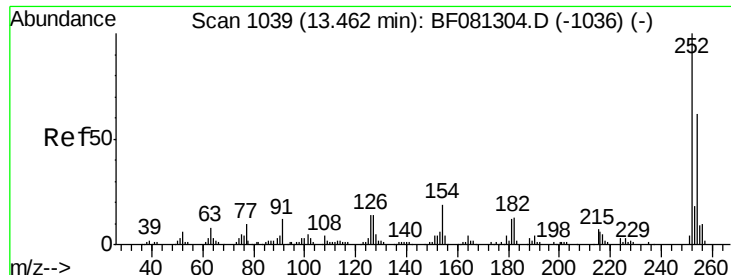


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

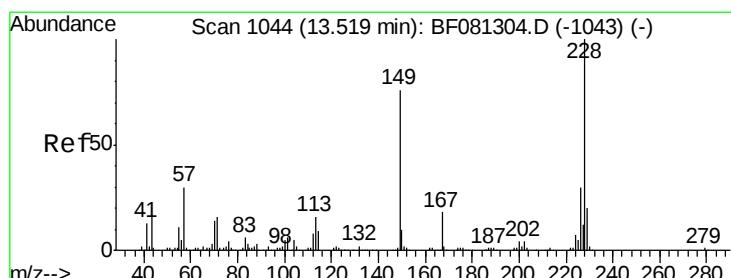
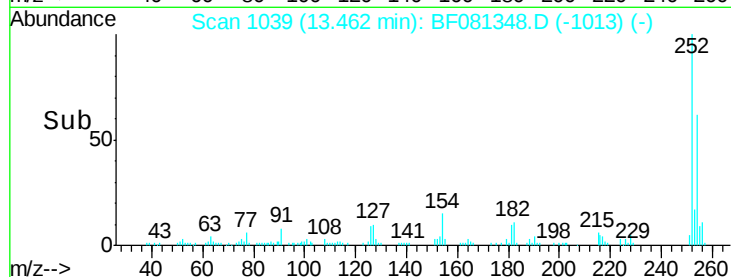
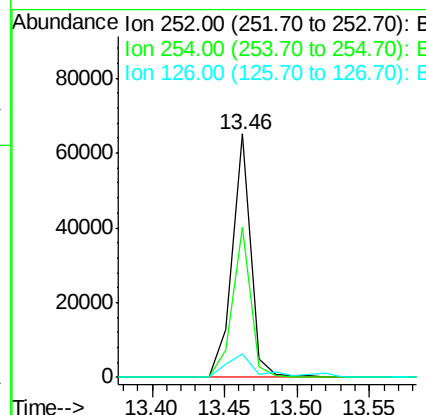
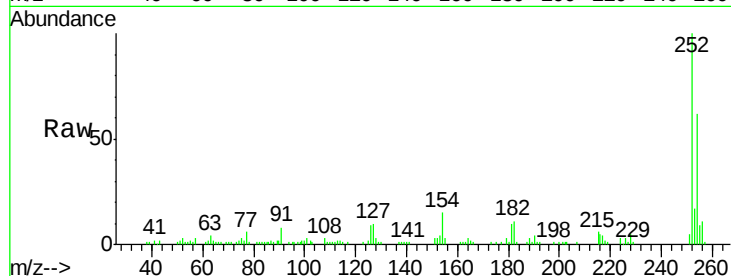




#81
 3,3'-Dichlorobenzidine
 Concen: 16.52 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

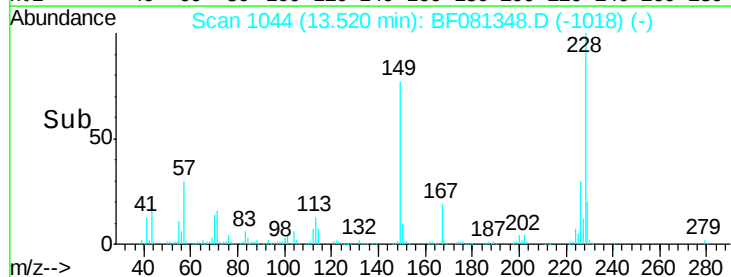
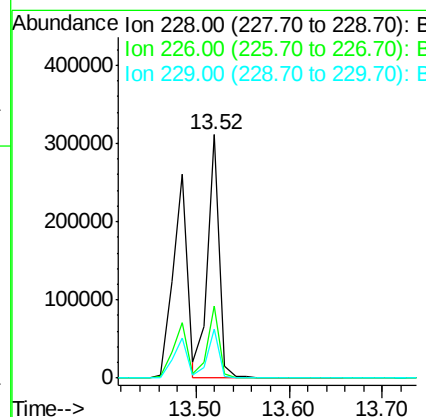
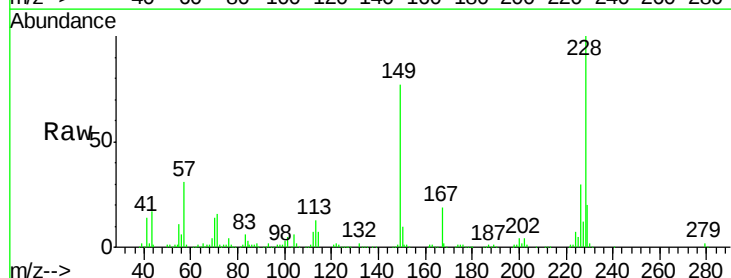
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

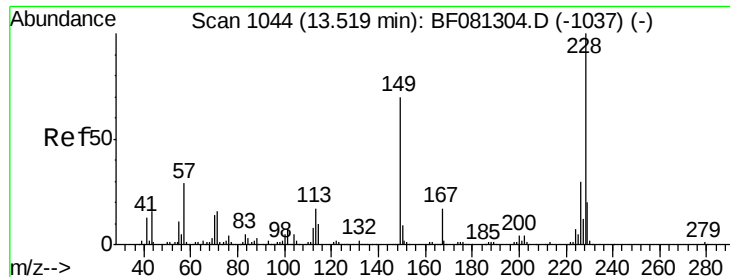
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.4	77.2
126	9.4	16.4	24.6#



#82
 Chrysene
 Concen: 29.50 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.0	31.4
229	20.1	15.6	23.4

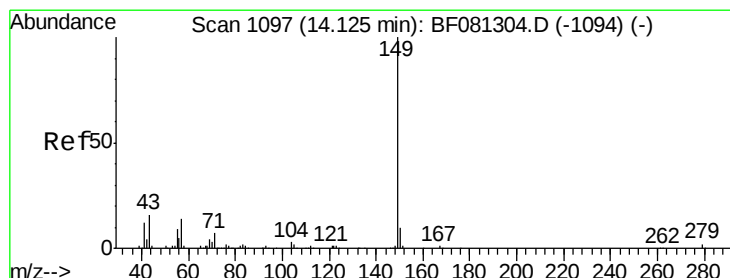
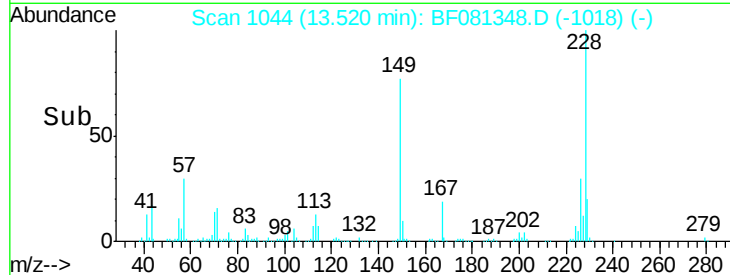
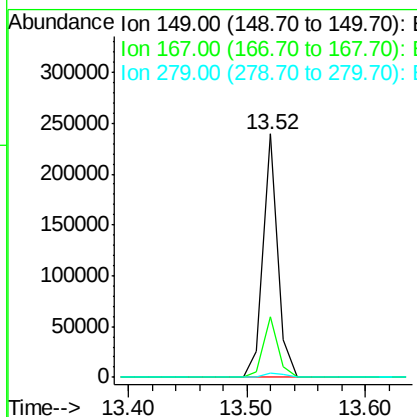
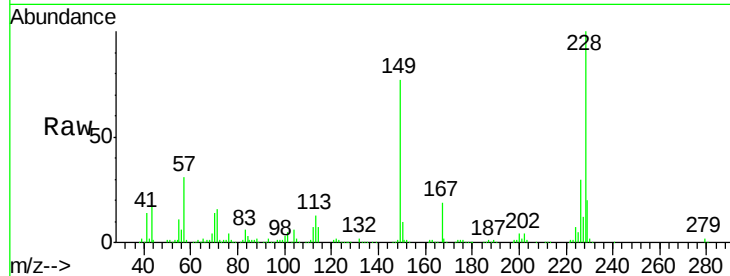




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.22 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

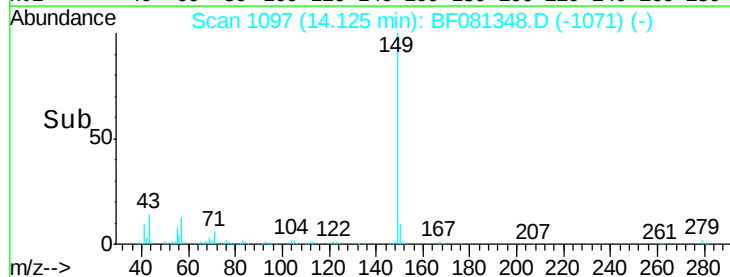
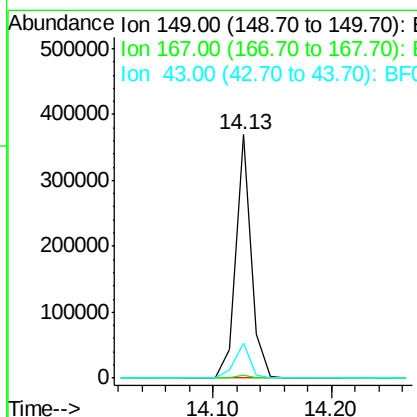
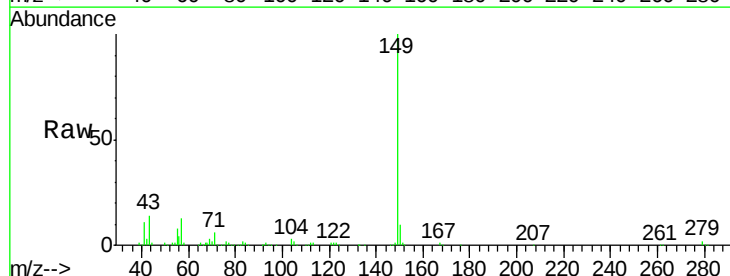
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

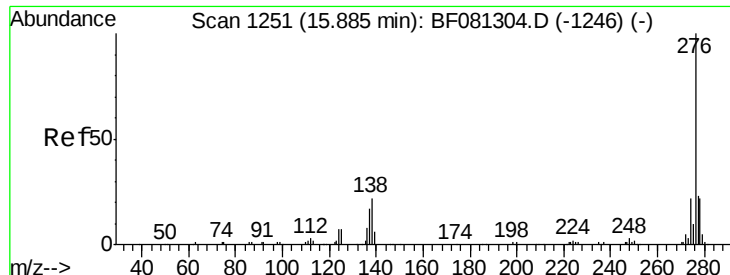
Tot Ion:149 Resp: 208768
 Ion Ratio Lower Upper
 149 100
 167 24.7 24.2 36.2
 279 2.0 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 29.17 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:149 Resp: 331888
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.8 10.2 15.2

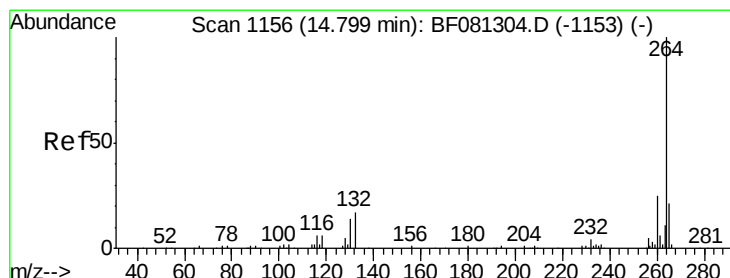
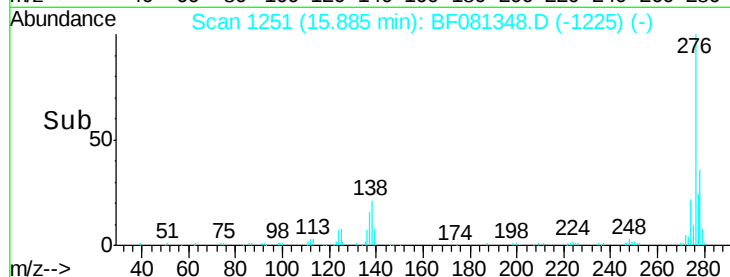
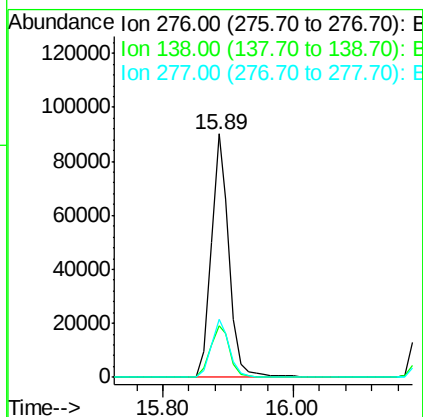
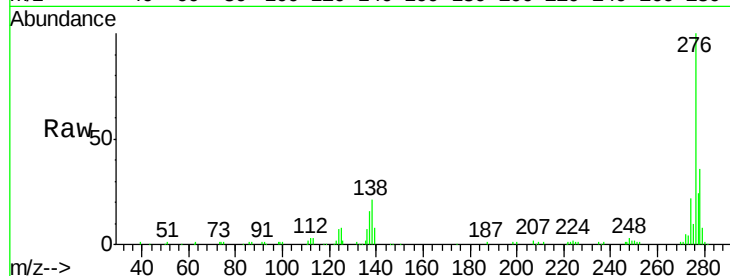




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.16 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

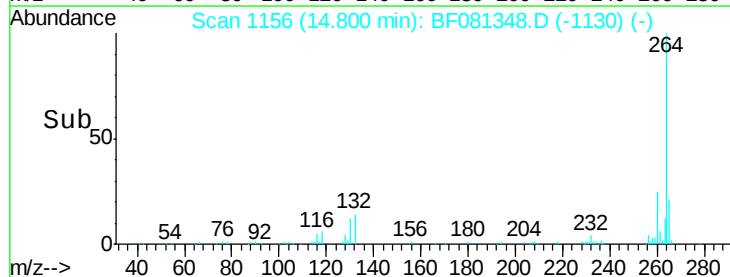
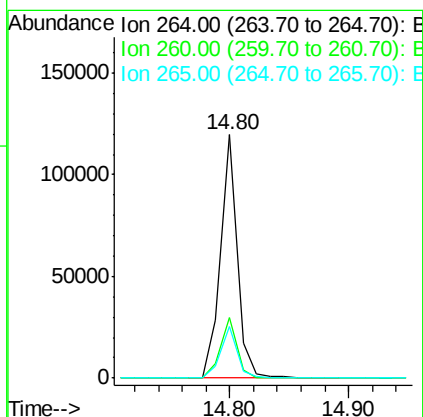
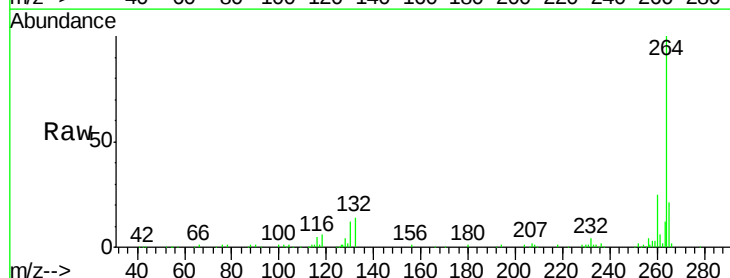
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

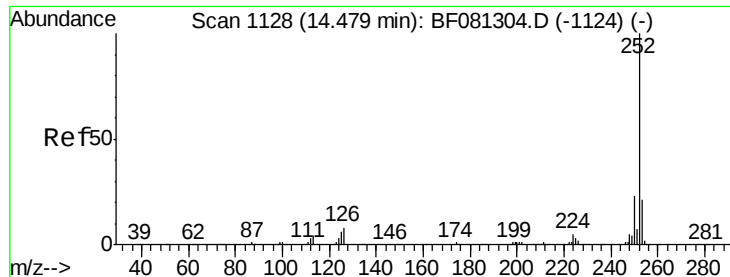
Tot Ion:276 Resp: 171261
 Ion Ratio Lower Upper
 276 100
 138 23.3 25.7 38.5#
 277 23.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:264 Resp: 116229
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 48.34 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

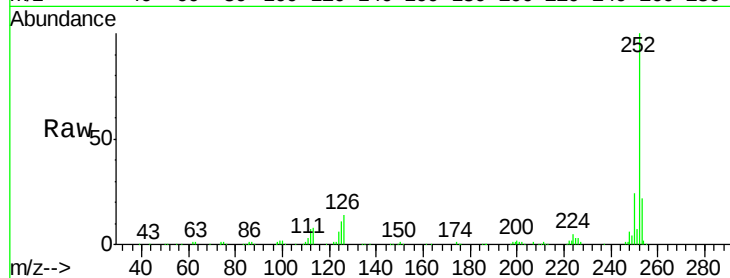
Tot Ion:252 Resp: 401094

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

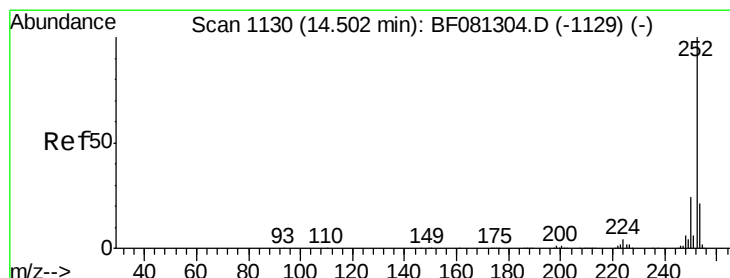
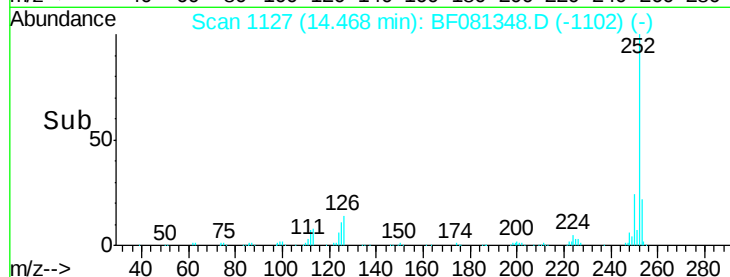
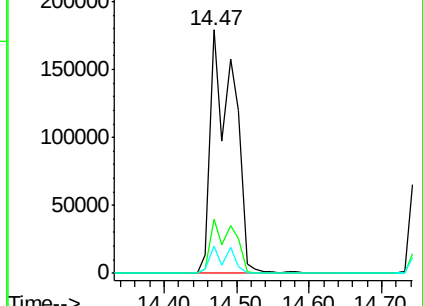
125 11.0 17.1 25.7#



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: 58.25 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

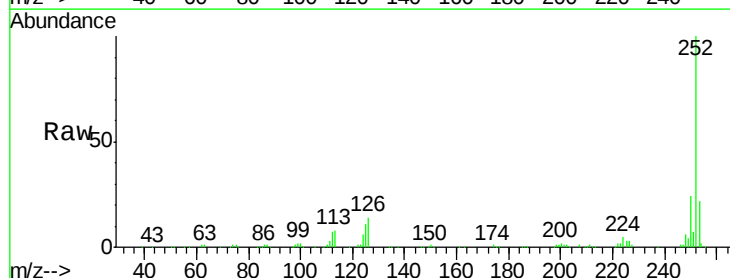
Tgt Ion:252 Resp: 401094

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

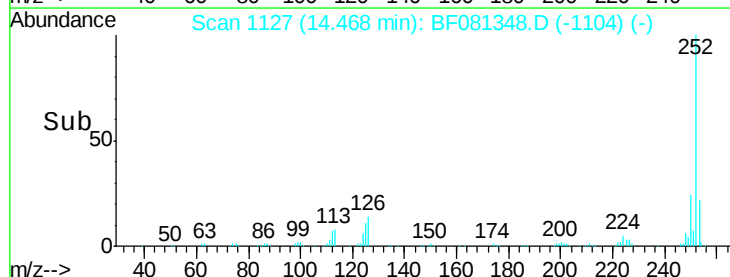
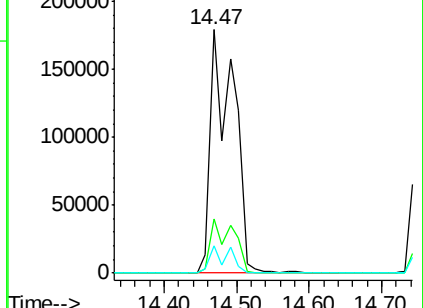
125 11.0 16.0 24.0#

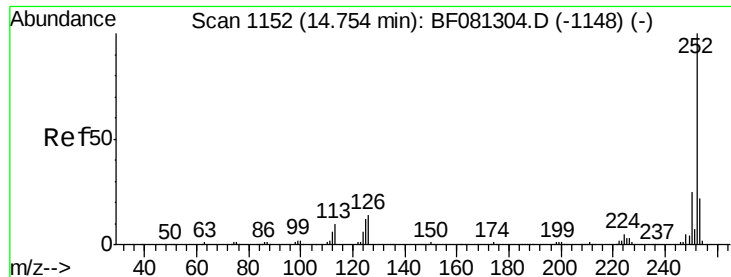


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.28 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

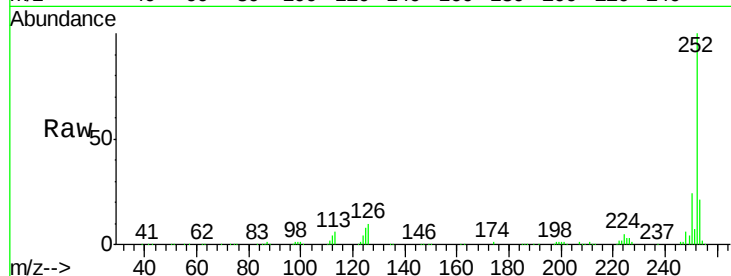
Tot Ion:252 Resp: 198829

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

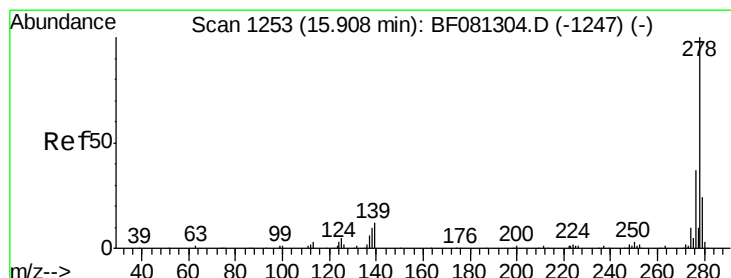
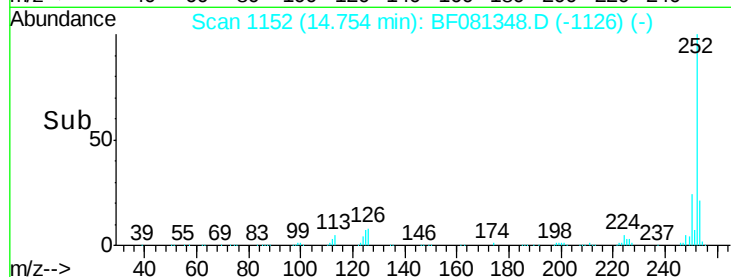
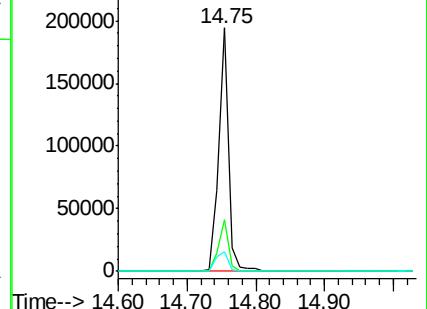
125 7.8 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 26.82 ng

RT: 15.90 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

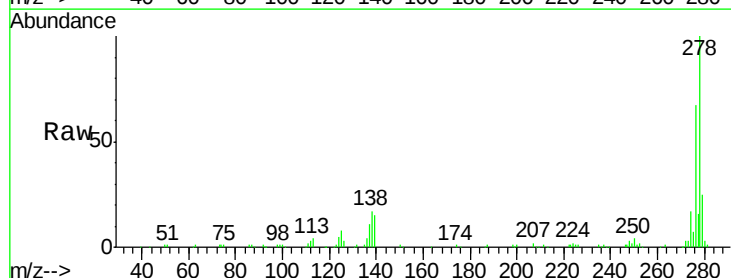
Tgt Ion:278 Resp: 145725

Ion Ratio Lower Upper

278 100

139 15.2 26.3 39.5#

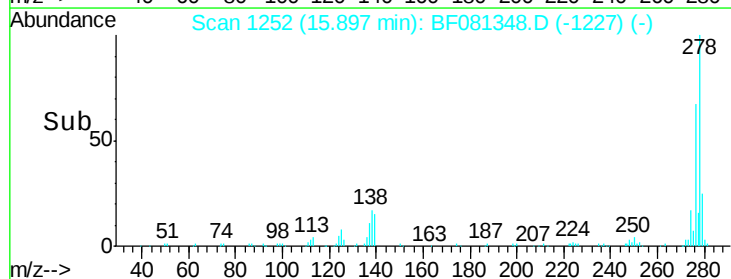
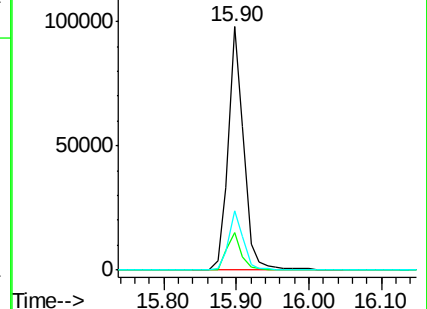
279 24.5 18.2 27.4

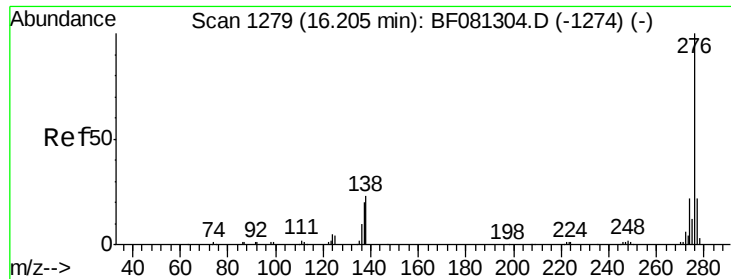


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

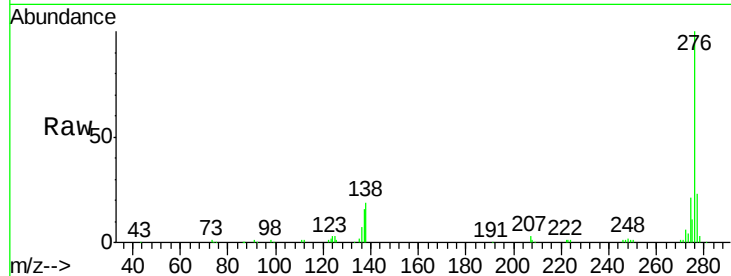




#91
 Benzo(a,h,i)perylene
 Concen: 26.78 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.8	26.6
138	18.5	34.6	51.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

