

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081349.D
 Acq On : 2 Sep 2015 15:29
 Operator : UM/IZ
 Sample : G3480-19MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 02 23:02:37 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	60440	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	230682	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	103338	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	200891	20.00	ng	0.00
75) Chrysene-d12	13.50	240	159064	20.00	ng	0.00
86) Perylene-d12	14.80	264	110730	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	366706	94.13	ng	0.01
7) Phenol-d6	6.06	99	507049	98.33	ng	0.00
23) Nitrobenzene-d5	6.97	82	333876	69.83	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	98197	106.72	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	545573	67.66	ng	0.00
78) Terphenyl-d14	12.47	244	474254	69.41	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.76	88	35440	20.26	ng	# 94
4) n-Nitrosodimethylamine	2.26	42	74549	27.82	ng	# 77
6) Aniline	6.04	93	89724	12.32	ng	# 55
8) 2-Chlorophenol	6.17	128	136207	31.73	ng	# 86
9) Benzaldehyde	5.92	77	22540	6.98	ng	# 72
10) Phenol	6.07	94	207854	34.76	ng	# 59
11) bis(2-Chloroethyl)ether	6.14	93	129934	30.12	ng	# 85
12) 1,3-Dichlorobenzene	6.32	146	122539	26.72	ng	# 86
13) 1,4-Dichlorobenzene	6.41	146	127174	27.23	ng	# 95
14) 1,2-Dichlorobenzene	6.41	146	127174	30.25	ng	# 97
15) Benzyl Alcohol	6.56	79	132973	31.44	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	6.70	45	266719	32.25	ng	# 92
17) 2-Methylphenol	6.68	107	113275	33.07	ng	# 79
18) Hexachloroethane	6.90	117	51526	28.36	ng	# 83
19) n-Nitroso-di-n-propylamine	6.83	70	114203	32.54	ng	# 84
20) 3+4-Methylphenols	6.84	107	148696	32.20	ng	# 87
22) Acetophenone	6.82	105	207060	32.86	ng	# 82
24) Nitrobenzene	6.98	77	140976	28.39	ng	# 59
25) Isophorone	7.23	82	278860	31.36	ng	# 85
26) 2-Nitrophenol	7.30	139	64261	29.69	ng	# 27
27) 2,4-Dimethylphenol	7.37	122	122144	32.68	ng	# 81
28) bis(2-Chloroethoxy)methane	7.46	93	173628	33.80	ng	# 93
29) 2,4-Dichlorophenol	7.55	162	109725	33.85	ng	# 96
30) 1,2,4-Trichlorobenzene	7.62	180	105390	29.93	ng	# 97
31) Naphthalene	7.70	128	403442	32.79	ng	# 98
32) Benzoic acid	7.48	122	30390	13.33	ng	# 56
33) 4-Chloroaniline	7.76	127	103549	20.64	ng	# 76
34) Hexachlorobutadiene	7.83	225	64483	30.09	ng	# 97
35) Caprolactam	8.14	113	10201	10.26	ng	# 43
36) 4-Chloro-3-methylphenol	8.26	107	124045	34.19	ng	# 72
37) 2-Methylnaphthalene	8.39	142	230706	28.82	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	111105	34.00	ng	# 98
40) Hexachlorocyclopentadiene	8.55	237	103124	64.30	ng	# 96
42) 2,4,6-Trichlorophenol	8.67	196	68650	30.44	ng	# 99

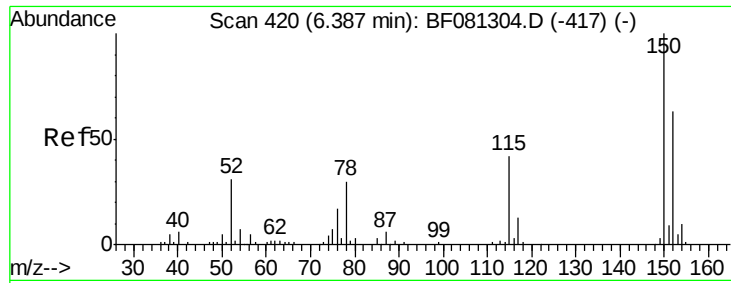
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.72	196	73968	32.15	nq	# 87
45) 1,1'-Biphenyl	8.86	154	311685	32.78	nq	95
46) 2-Chloronaphthalene	8.87	162	214330	31.22	nq	# 84
47) 2-Nitroaniline	8.98	65	103727	37.07	nq	# 67
48) Acenaphthylene	9.28	152	360396	29.59	nq	97
49) Dimethylphthalate	9.18	163	397739	49.54	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	60239	33.06	nq	# 91
51) Acenaphthene	9.45	154	208549	30.10	nq	89
52) 3-Nitroaniline	9.39	138	63331	30.53	nq	# 68
53) 2,4-Dinitrophenol	9.50	184	38605	50.30	nq	# 13
54) Dibenzofuran	9.62	168	318257	31.46	nq	# 83
55) 4-Nitrophenol	9.58	139	81438	62.49	nq	# 1
56) 2,4-Dinitrotoluene	9.62	165	68683	29.60	nq	# 1
57) Fluorene	9.96	166	274538	35.76	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	61521	35.02	nq	# 88
59) Diethylphthalate	9.87	149	274086	32.45	nq	100
60) 4-Chlorophenyl-phenylether	9.96	204	124377	34.76	nq	# 86
61) 4-Nitroaniline	10.00	138	63170	30.14	nq	# 23
62) Azobenzene	10.12	77	332635	35.43	nq	88
64) 4,6-Dinitro-2-methylphenol	10.03	198	35694	31.77	nq	# 77
65) n-Nitrosodiphenylamine	10.09	169	245577	33.59	nq	92
66) 4-Bromophenyl-phenylether	10.44	248	63088	31.06	nq	# 81
67) Hexachlorobenzene	10.50	284	70569	33.23	nq	# 91
68) Atrazine	10.63	200	63113	29.84	nq	83
69) Pentachlorophenol	10.71	266	70197	69.22	nq	98
70) Phenanthrene	10.91	178	344111	30.81	nq	98
71) Anthracene	10.96	178	371413	32.37	nq	98
72) Carbazole	11.12	167	322643	29.96	nq	96
73) Di-n-butylphthalate	11.47	149	397978	31.30	nq	# 97
74) Fluoranthene	12.09	202	363132	30.03	nq	83
77) Pyrene	12.30	202	372014	31.57	nq	98
79) Butylbenzylphthalate	12.95	149	160411	31.30	nq	# 68
80) Benzo(a)anthracene	13.49	228	303877	30.00	nq	97
81) 3,3'-Dichlorobenzidine	13.46	252	83330	24.39	nq	# 94
82) Chrysene	13.52	228	296395	32.64	nq	96
83) Bis(2-ethylhexyl)phthalate	13.52	149	222905	32.96	nq	# 90
84) Di-n-octyl phthalate	14.13	149	358086	32.16	nq	96
85) Indeno(1,2,3-cd)pyrene	15.89	276	185389	27.83	nq	# 86
87) Benzo(b)fluoranthene	14.47	252	427468	54.07	nq	# 89
88) Benzo(k)fluoranthene	14.47	252	427468	65.17	nq	# 90
89) Benzo(a)pyrene	14.75	252	207649	31.00	nq	# 84
90) Dibenzo(a,h)anthracene	15.90	278	158899	30.70	nq	# 81
91) Benzo(g,h,i)perylene	16.21	276	149976	30.36	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

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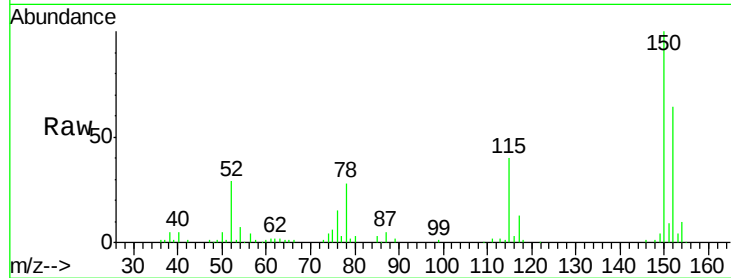
Tot Ion:152 Resp: 60440

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

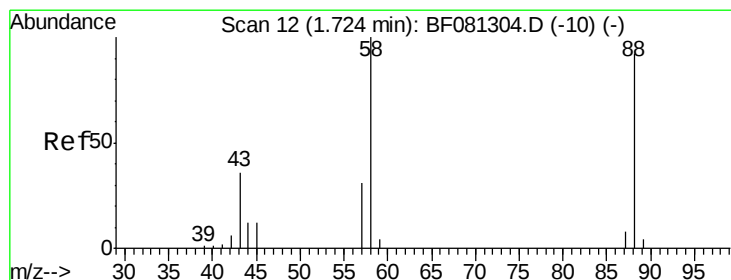
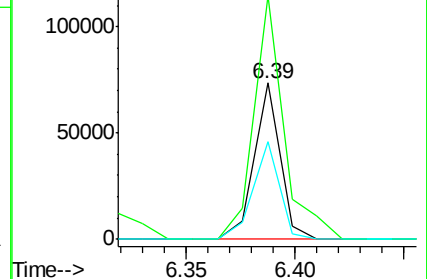
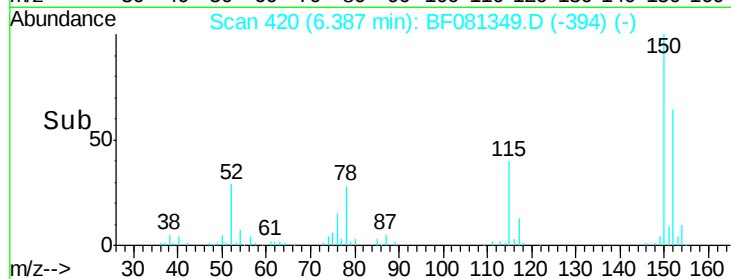
115 62.6 39.0 58.4#



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: 20.26 ng

RT: 1.76 min Scan# 15

Delta R.T. 0.03 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

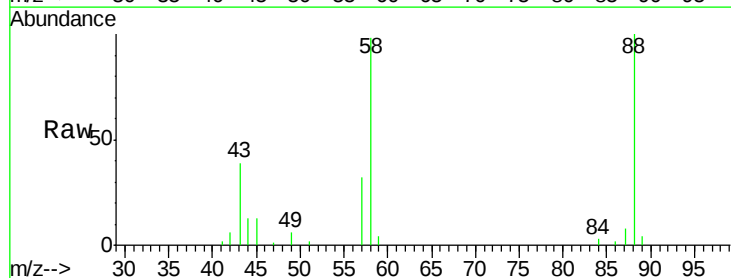
Tgt Ion: 88 Resp: 35440

Ion Ratio Lower Upper

88 100

58 101.2 77.7 116.5

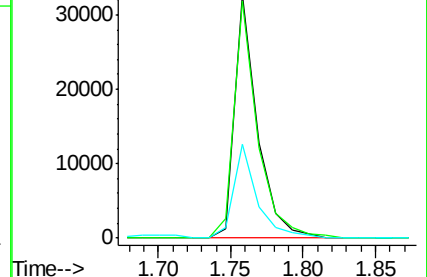
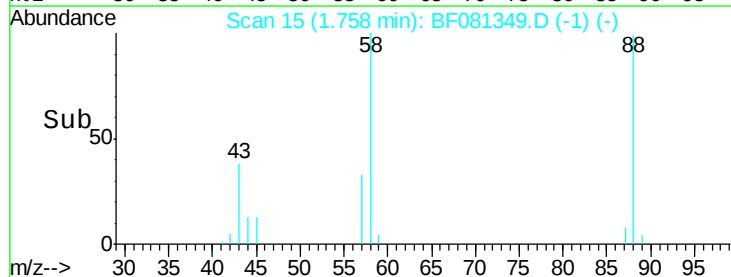
43 40.3 26.6 40.0#

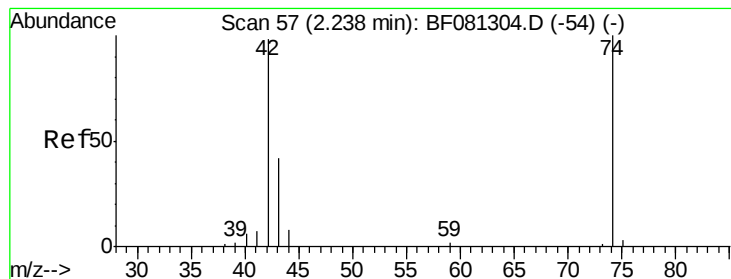


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 27.82 ng

RT: 2.26 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

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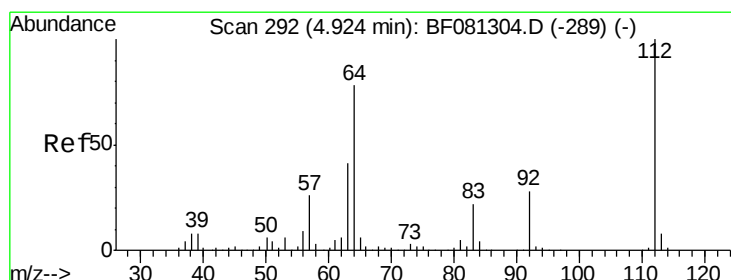
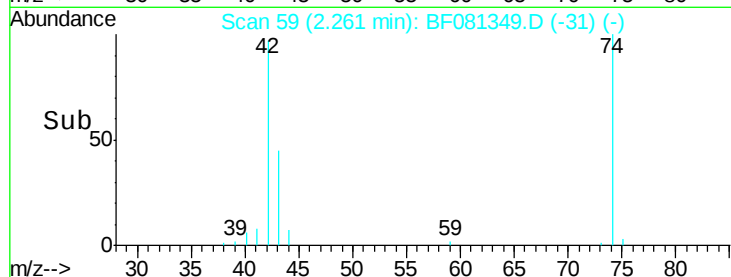
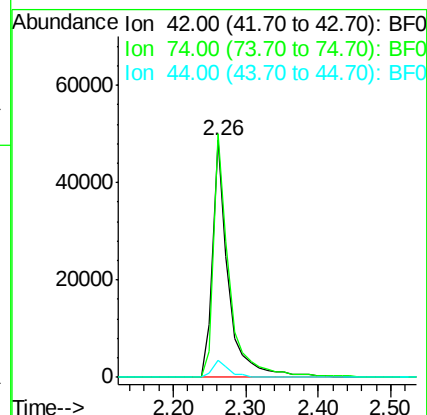
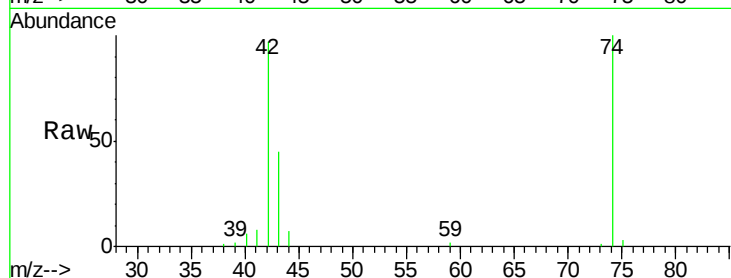
Tot Ion: 42 Resp: 74549

Ion Ratio Lower Upper

42 100

74 102.9 105.0 157.6#

44 7.3 6.6 10.0



#5

2-Fluorophenol

Concen: 94.13 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

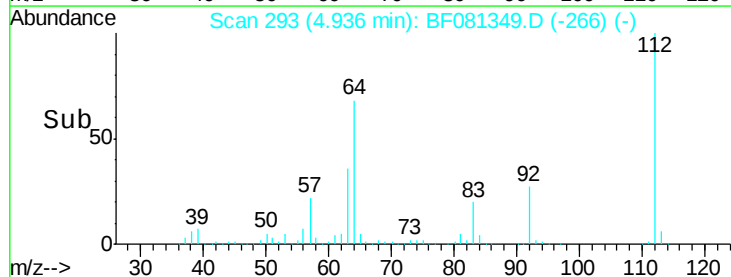
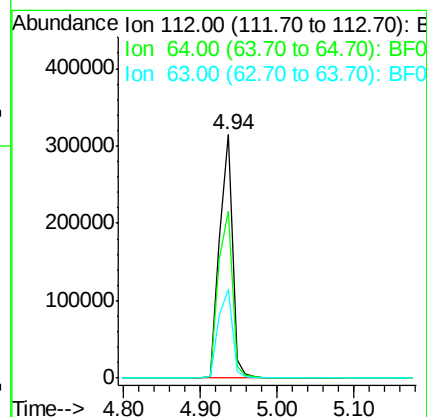
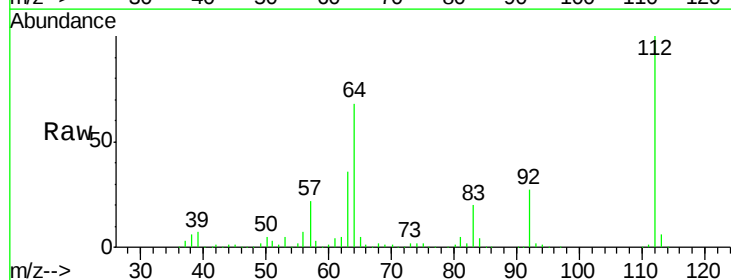
Tgt Ion: 112 Resp: 366706

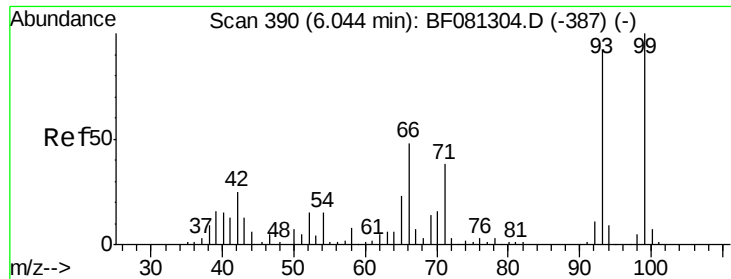
Ion Ratio Lower Upper

112 100

64 68.3 39.7 59.5#

63 36.3 17.4 26.0#





#6

Aniline

Concen: 12.32 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

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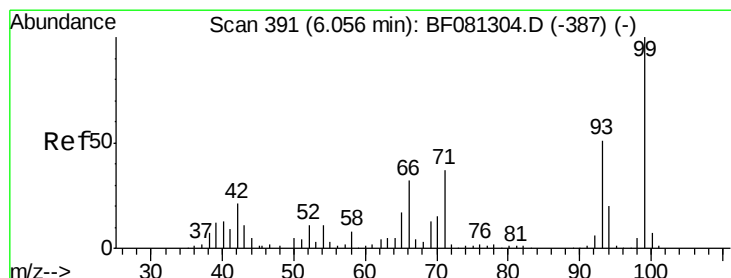
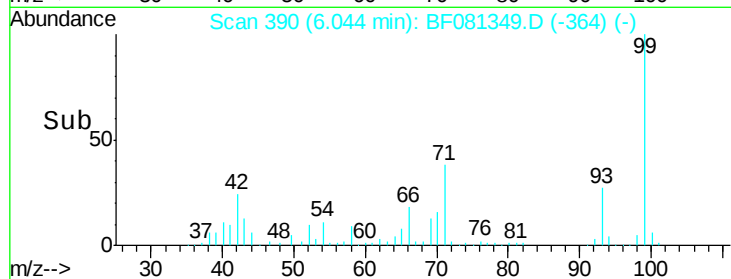
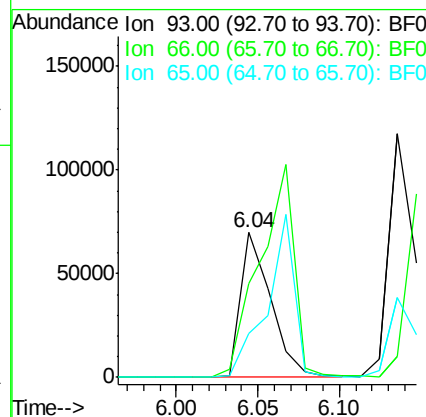
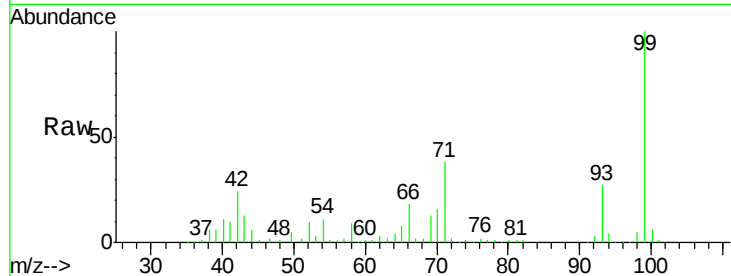
Tot Ion: 93 Resp: 89724

Ion Ratio Lower Upper

93 100

66 65.1 27.2 40.8#

65 30.5 14.7 22.1#



#7

Phenol-d6

Concen: 98.33 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

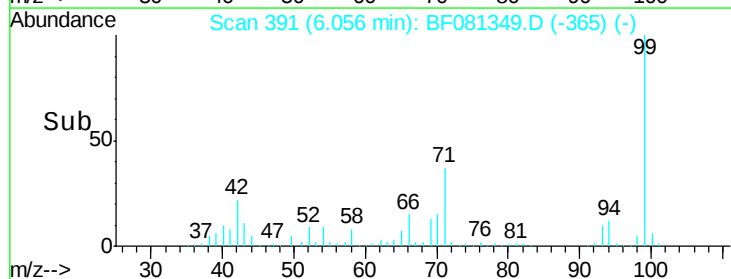
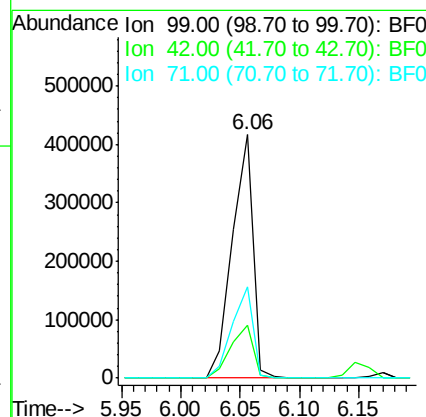
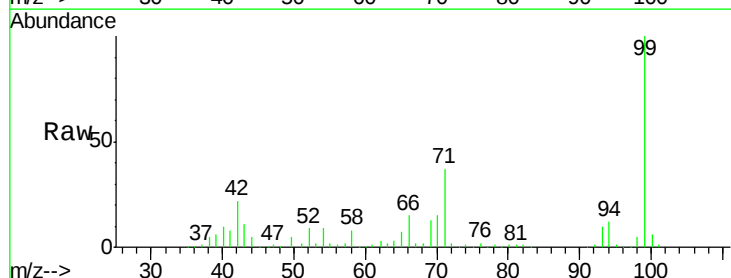
Tgt Ion: 99 Resp: 507049

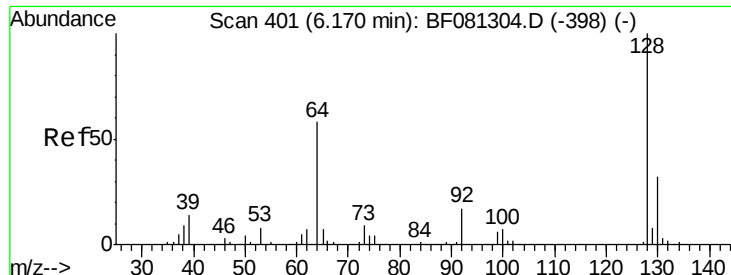
Ion Ratio Lower Upper

99 100

42 21.5 13.7 20.5#

71 37.5 14.2 21.2#





#8

2-Chlorophenol

Concen: 31.73 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.00 min

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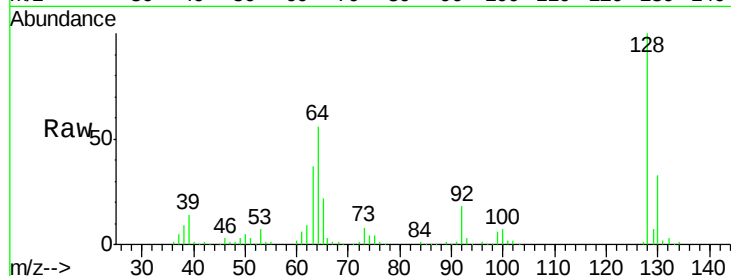
Tot Ion:128 Resp: 136207

Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

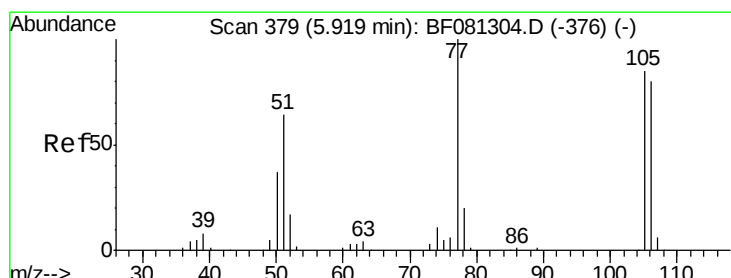
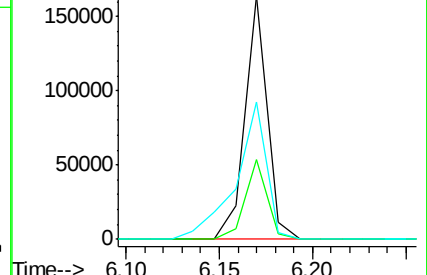
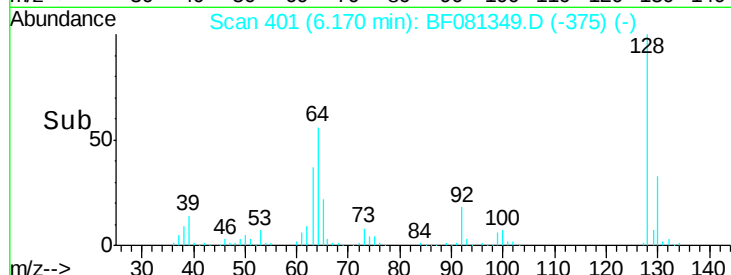
64 56.2 20.5 60.5



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: 6.98 ng

RT: 5.92 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

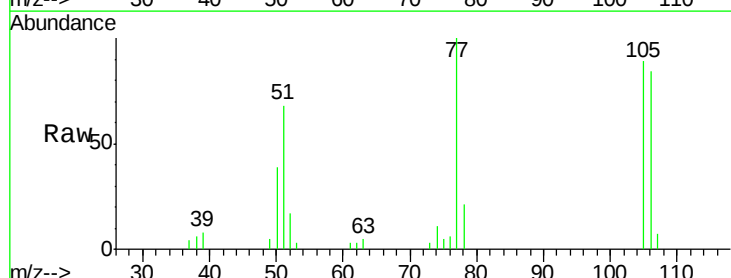
Tgt Ion: 77 Resp: 22540

Ion Ratio Lower Upper

77 100

105 89.1 91.6 131.6#

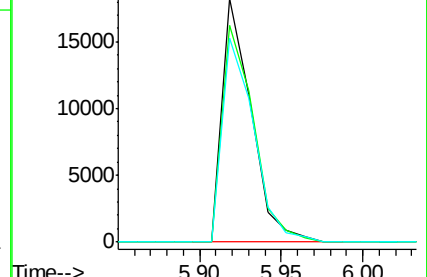
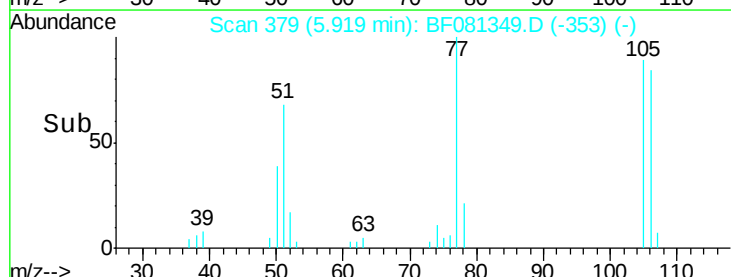
106 83.9 102.6 142.6#

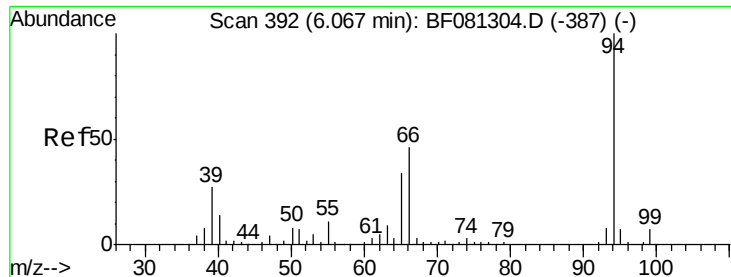


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 34.76 ng

RT: 6.07 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

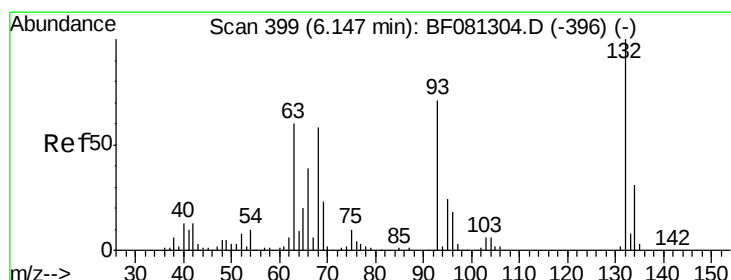
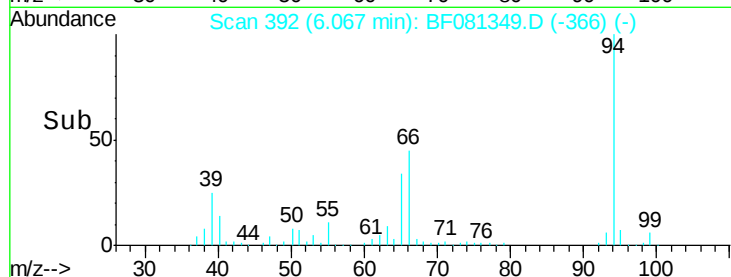
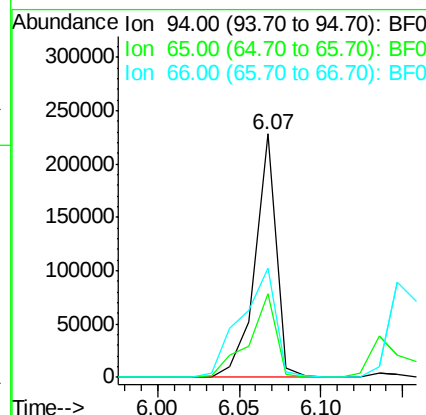
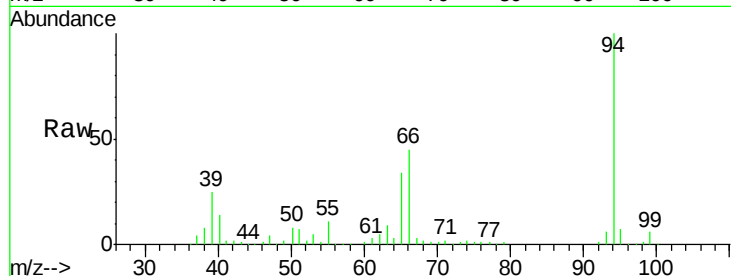
BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

Tot Ion: 94 Resp: 207854

Ion	Ratio	Lower	Upper
94	100		
65	34.4	0.7	40.7
66	45.1	0.8	40.8#



#11

bis(2-Chloroethyl)ether

Concen: 30.12 ng

RT: 6.14 min Scan# 398

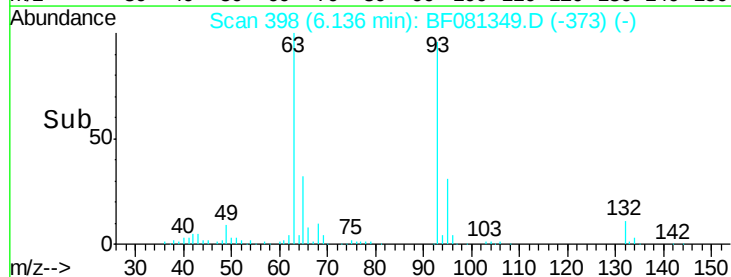
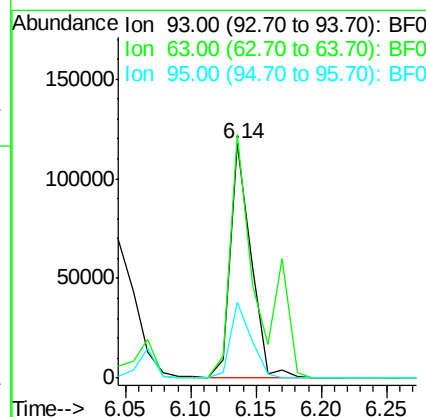
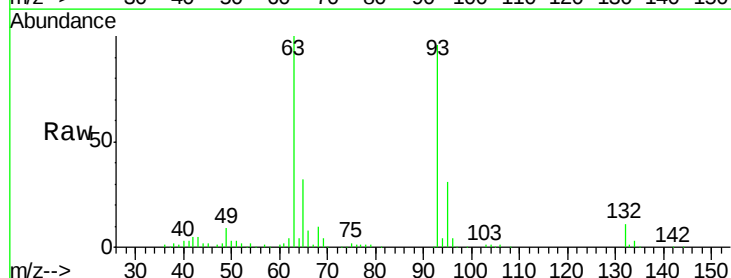
Delta R.T. -0.01 min

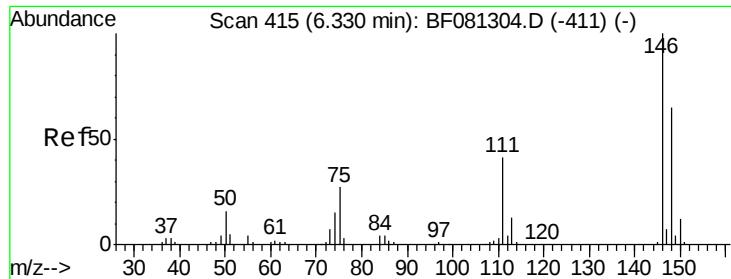
Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion: 93 Resp: 129934

Ion	Ratio	Lower	Upper
93	100		
63	104.0	65.6	105.6
95	32.3	13.6	53.6

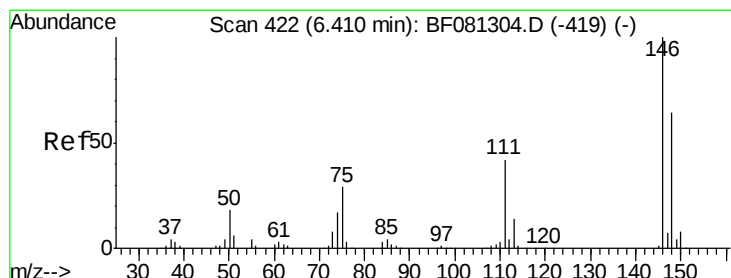
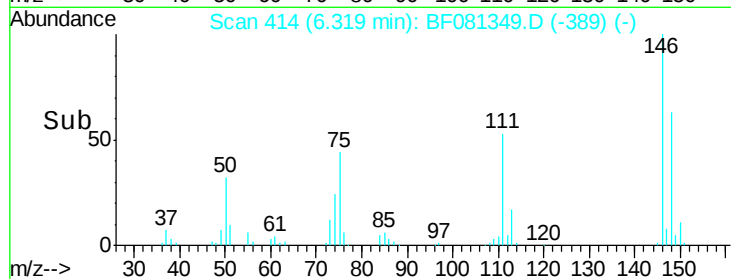
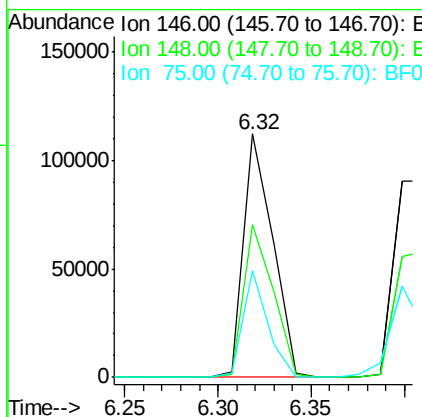
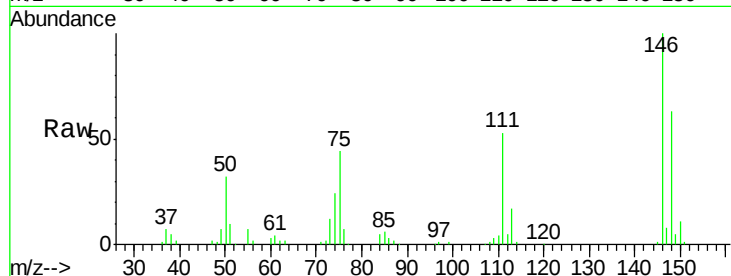




#12
 1,3-Dichlorobenzene
 Concen: 26.72 ng
 RT: 6.32 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

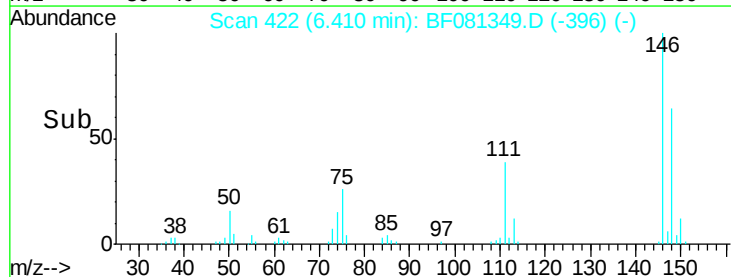
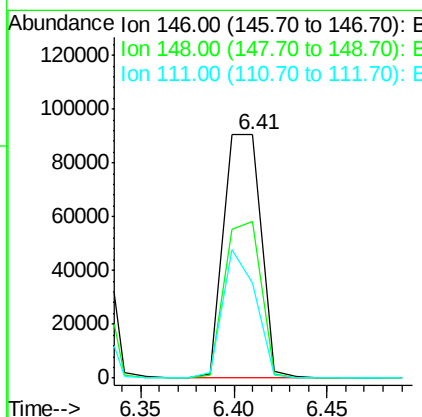
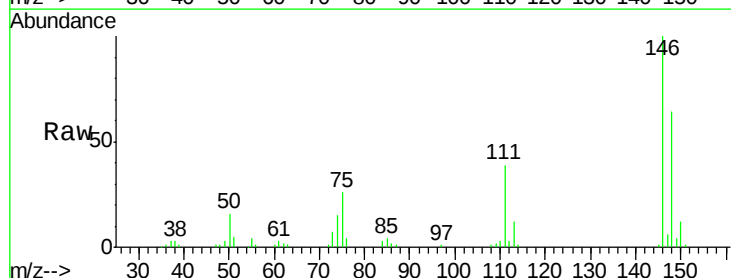
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

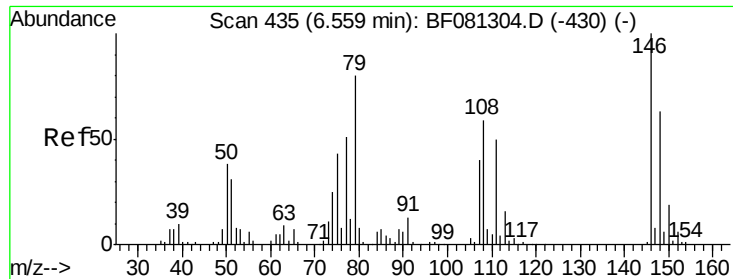
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.4
75	43.6	15.0	22.6



#13
 1,4-Dichlorobenzene
 Concen: 27.23 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	38.9	24.9	37.3

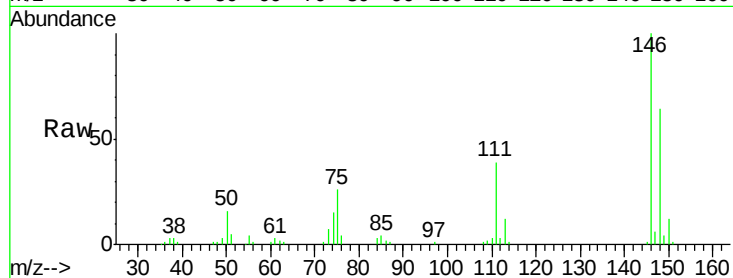




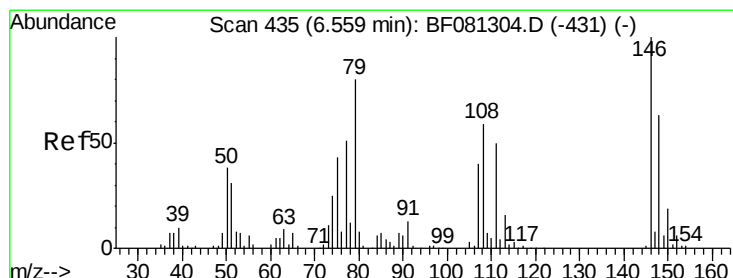
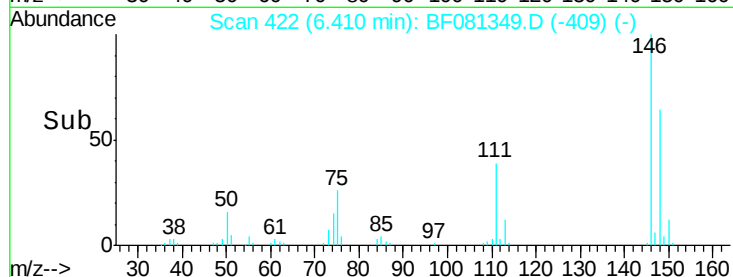
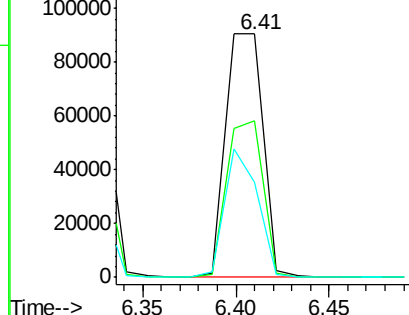
#14
 1,2-Dichlorobenzene
 Concen: 30.25 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.15 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

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

Tot Ion:146 Resp: 127174
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.7 79.1
 111 38.9 28.8 43.2

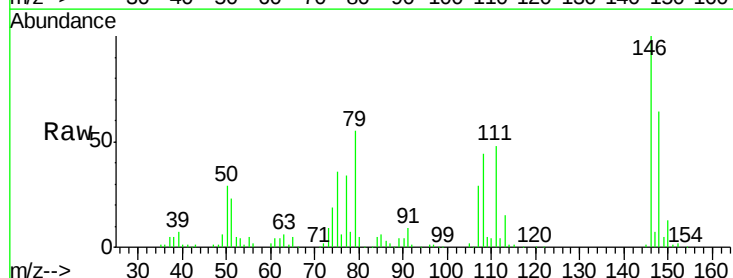


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

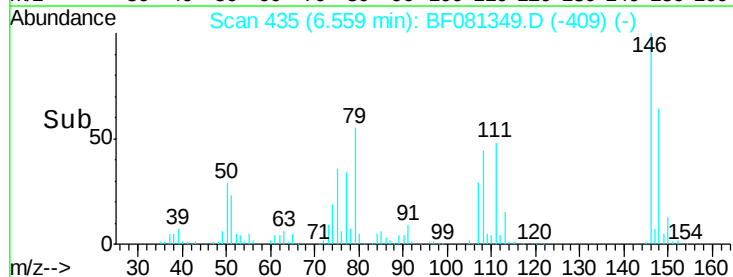
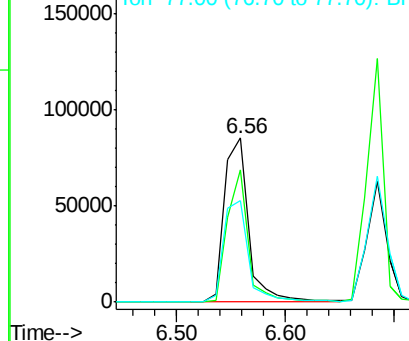


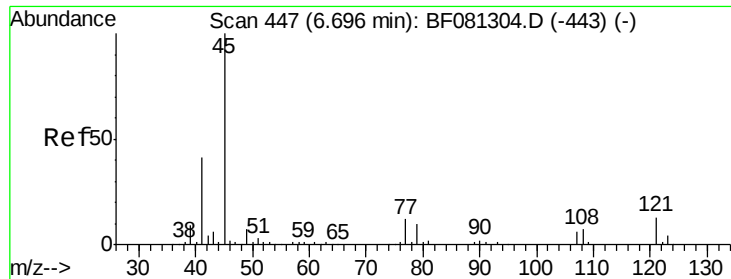
#15
 Benzyl Alcohol
 Concen: 31.44 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion: 79 Resp: 132973
 Ion Ratio Lower Upper
 79 100
 108 80.2 88.6 132.8#
 77 62.2 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

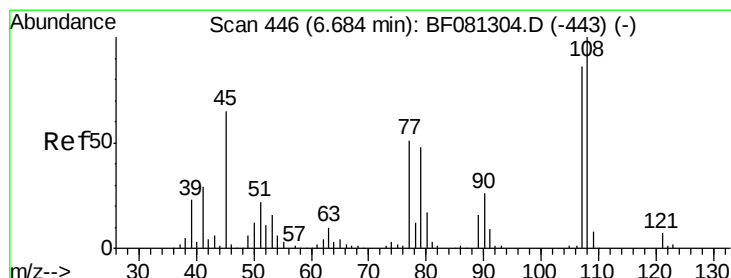
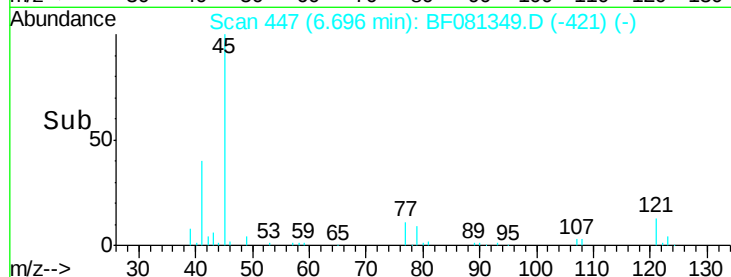
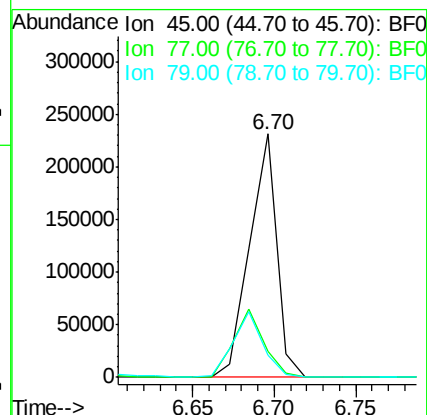
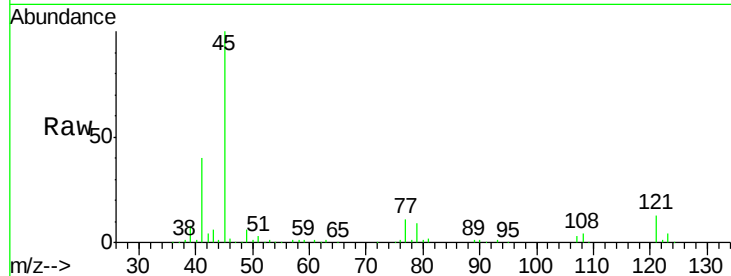




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 32.25 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

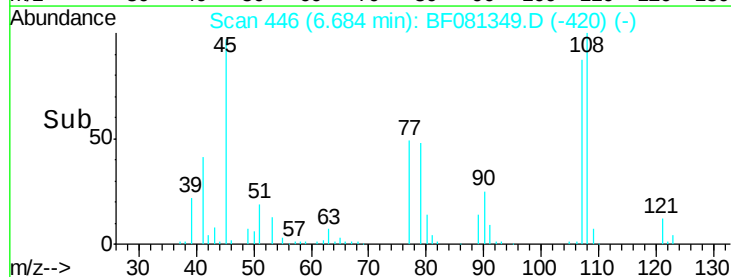
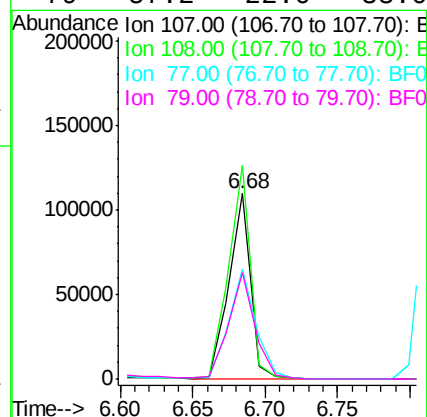
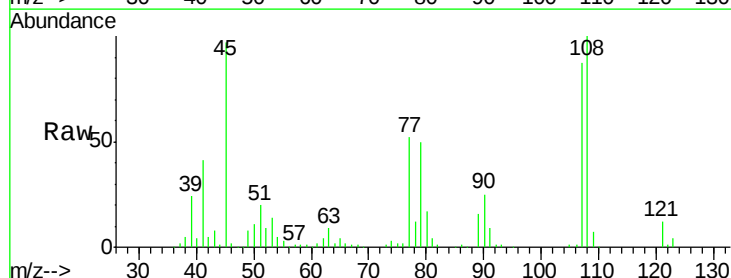
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

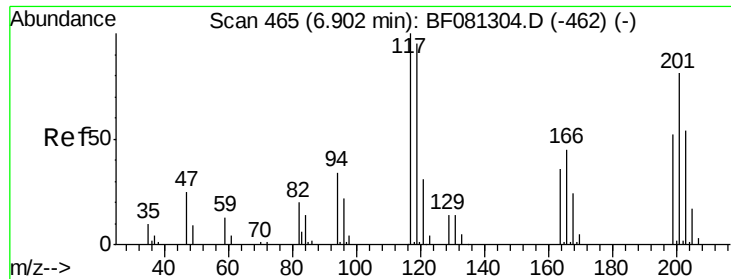
Tot Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	28.1
79	9.2	0.0	26.0



#17
2-Methylphenol
Concen: 33.07 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.3	96.6	145.0
77	59.5	23.3	34.9#
79	57.2	22.0	33.0#

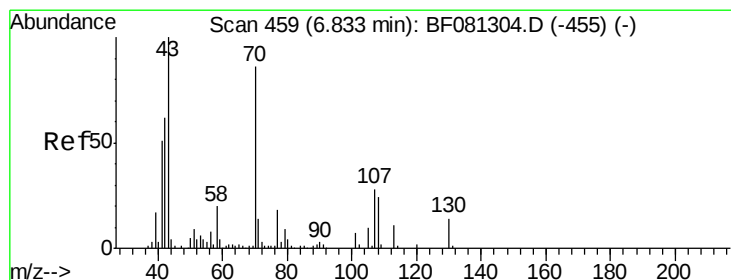
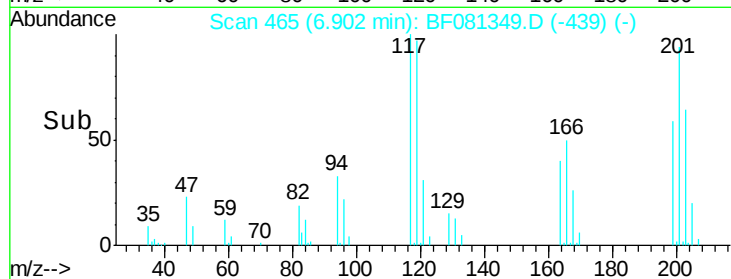
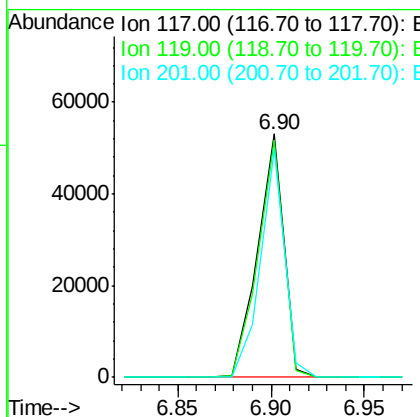
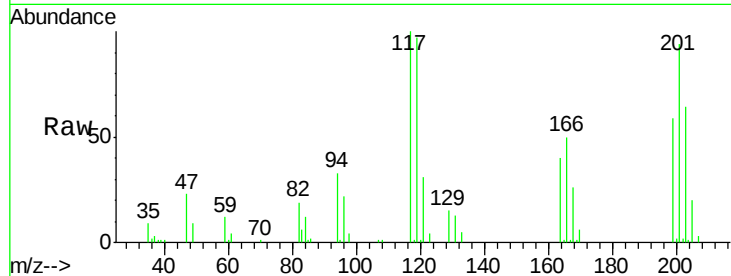




#18
Hexachloroethane
Concen: 28.36 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

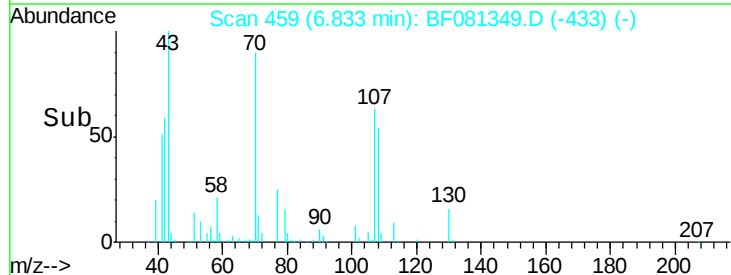
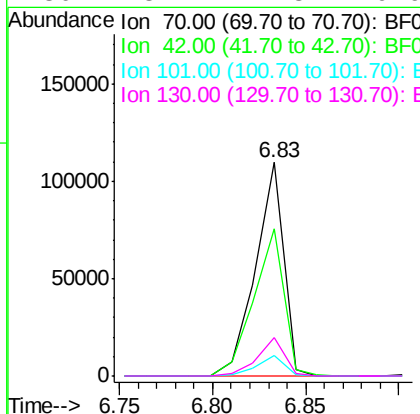
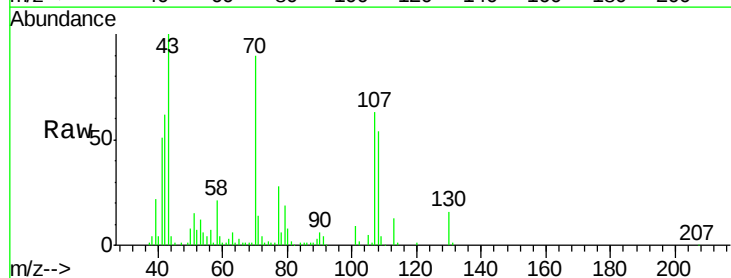
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

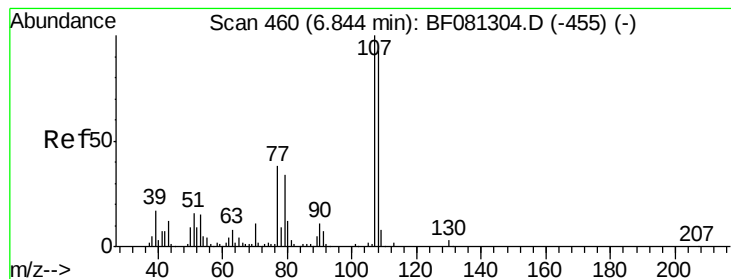
Tot Ion:117 Resp: 51526
Ion Ratio Lower Upper
117 100
119 97.3 83.8 125.6
201 93.8 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 32.54 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion: 70 Resp: 114203
Ion Ratio Lower Upper
70 100
42 68.7 63.8 95.6
101 9.4 9.2 13.8
130 18.1 27.3 40.9#





#20

3+4-Methylphenols

Concen: 32.20 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

Tot Ion:107 Resp: 148696

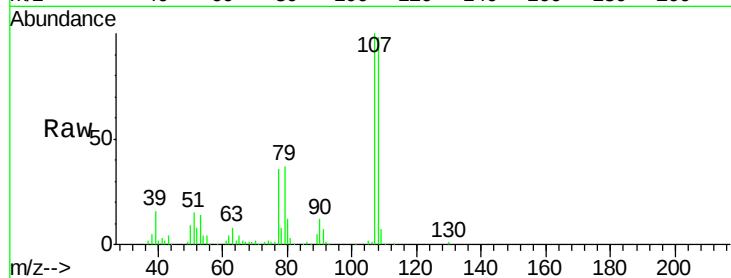
Ion Ratio Lower Upper

107 100

108 98.3 74.6 114.6

77 36.4 0.7 40.7

79 36.7 0.0 38.9

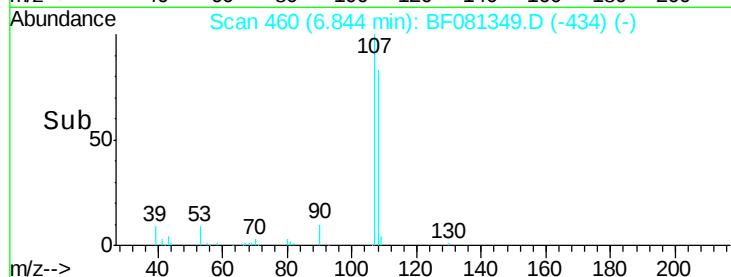


Abundance Ion 107.00 (106.70 to 107.70): E

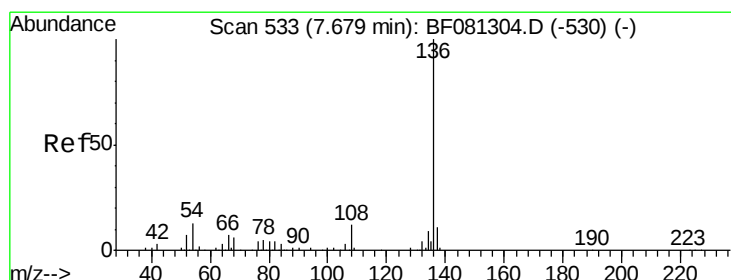
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:136 Resp: 230682

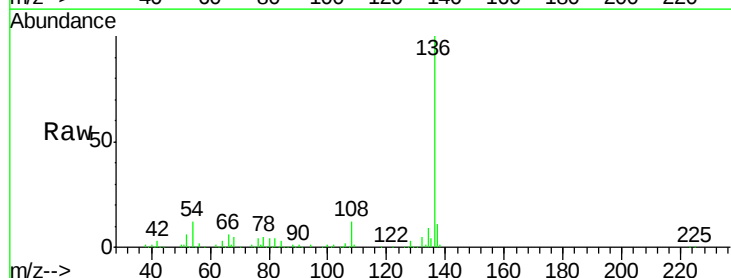
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.7 8.2 12.2

68 5.0 5.8 8.6#

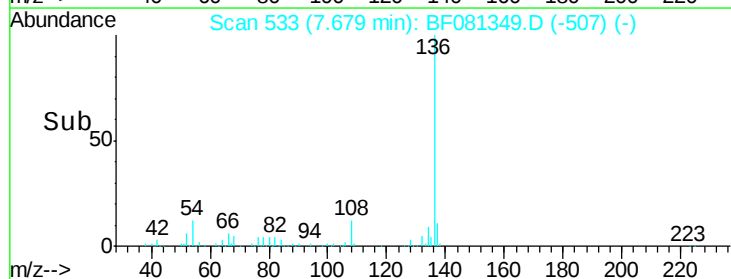


Abundance Ion 136.00 (135.70 to 136.70): E

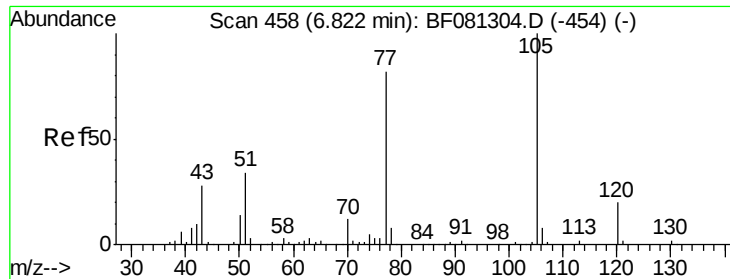
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 32.86 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

Tot Ion:105 Resp: 207060

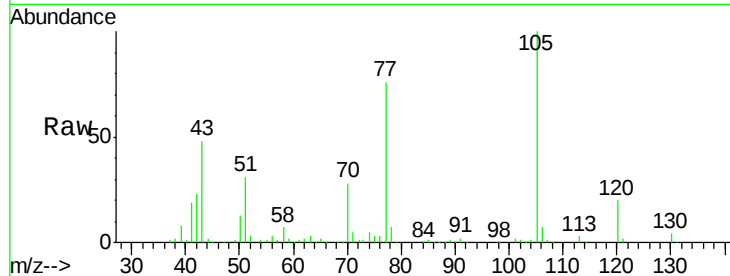
Ion Ratio Lower Upper

105 100

71 4.6 4.7 7.1#

51 30.8 22.0 33.0

120 20.5 30.1 45.1#

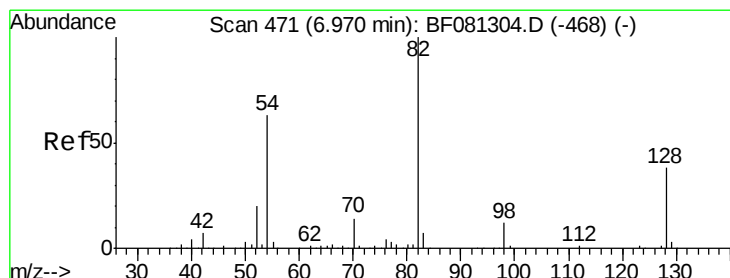
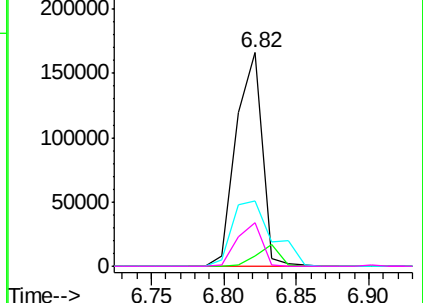
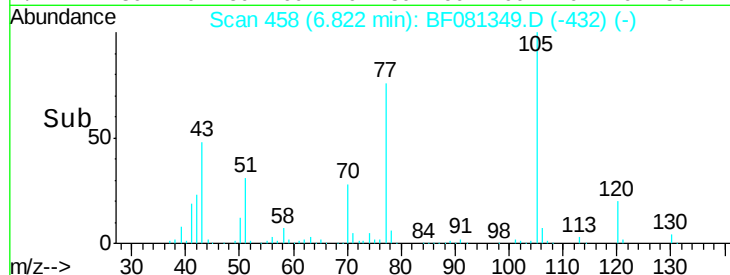


Abundance Ion 105.00 (104.70 to 105.70): E

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: 69.83 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

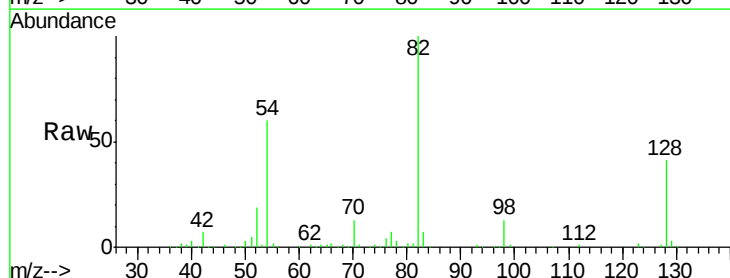
Tgt Ion: 82 Resp: 333876

Ion Ratio Lower Upper

82 100

128 40.9 51.0 76.6#

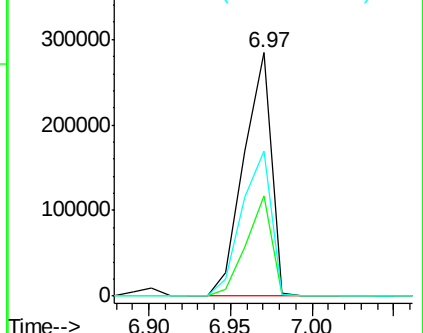
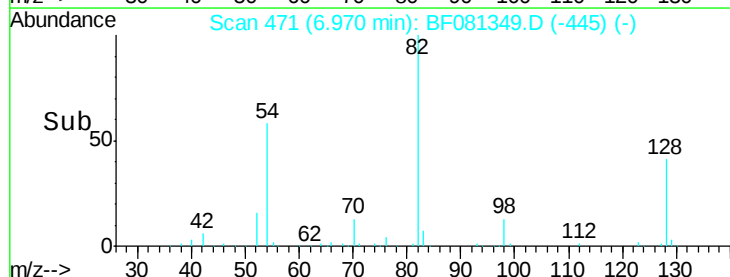
54 59.5 47.5 71.3

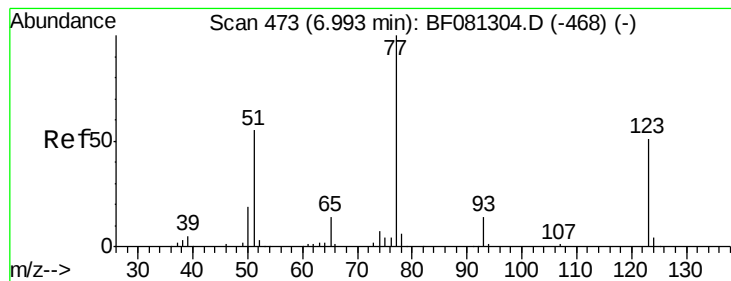


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 28.39 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

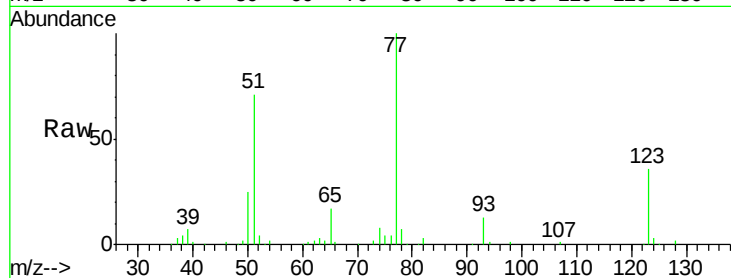
Tot Ion: 77 Resp: 140976

Ion Ratio Lower Upper

77 100

123 35.9 59.8 89.8#

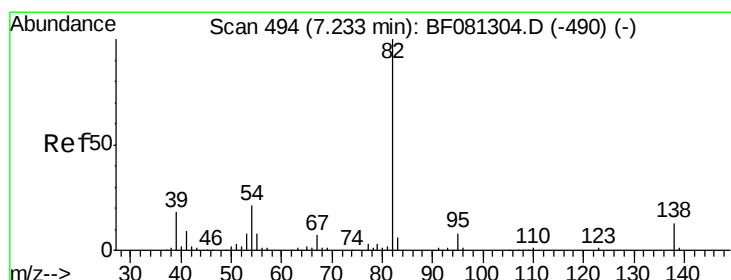
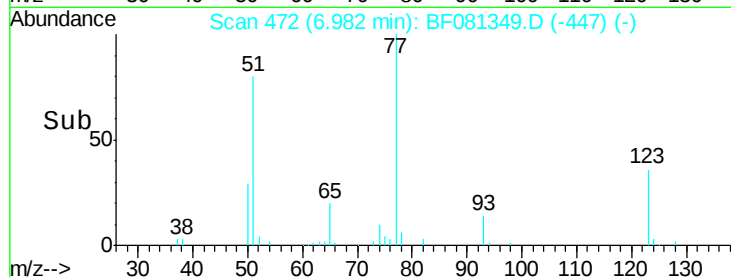
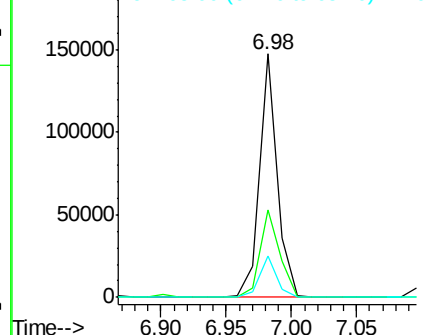
65 17.2 10.2 15.4#



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: 31.36 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

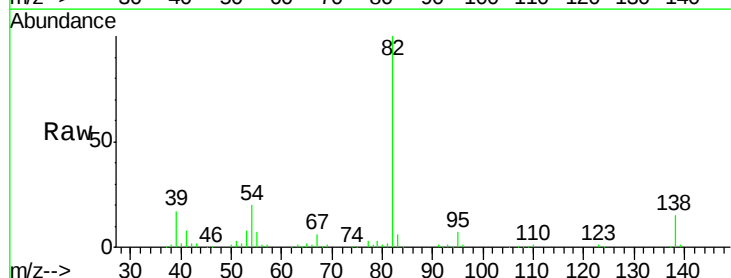
Tgt Ion: 82 Resp: 278860

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

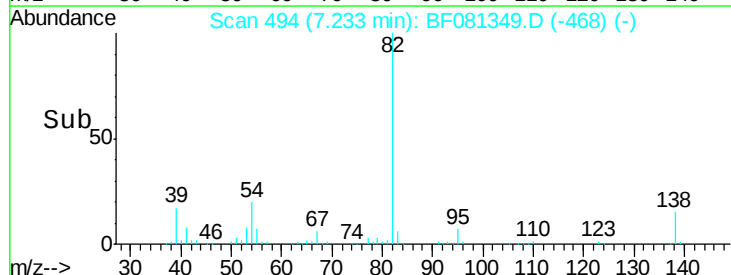
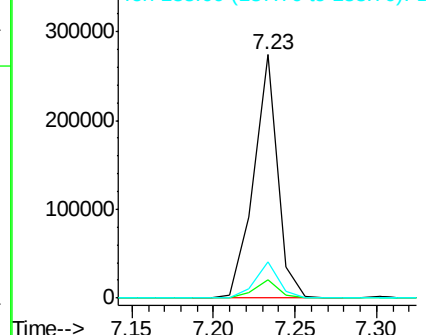
138 14.7 18.3 27.5#

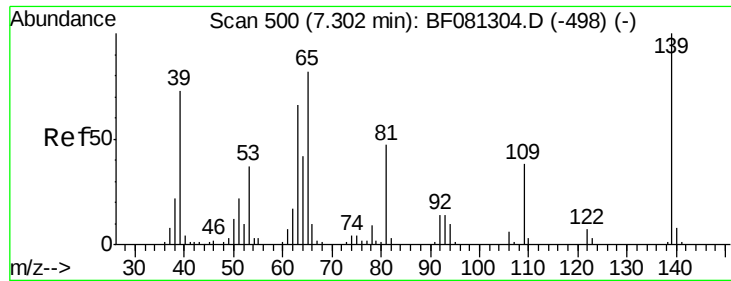


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

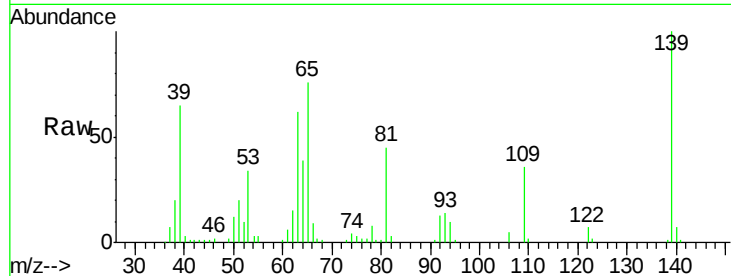




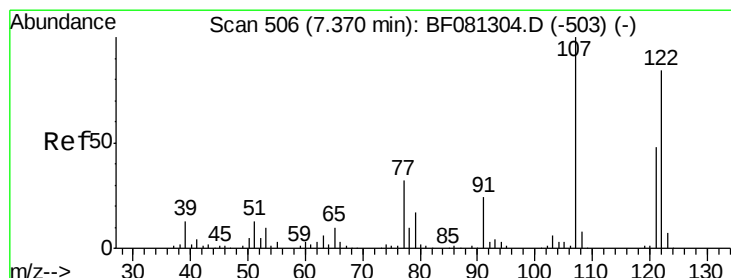
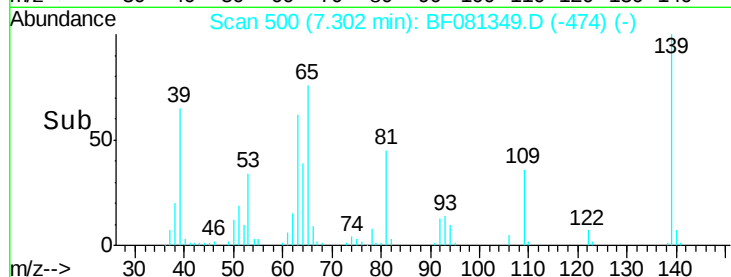
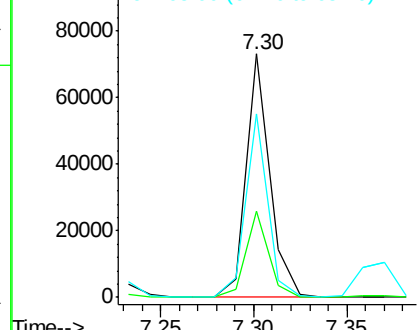
#26
2-Nitrophenol
Concen: 29.69 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

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

Tot Ion:139 Resp: 64261
Ion Ratio Lower Upper
139 100
109 35.6 11.0 16.4#
65 75.5 24.7 37.1#

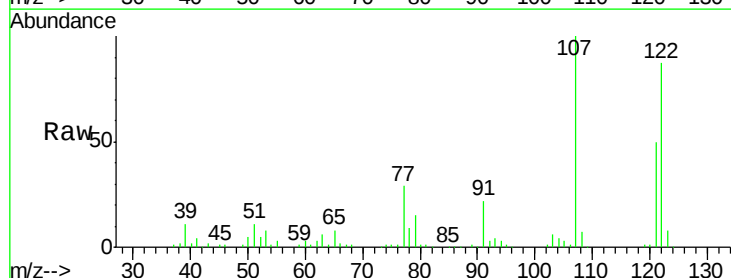


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

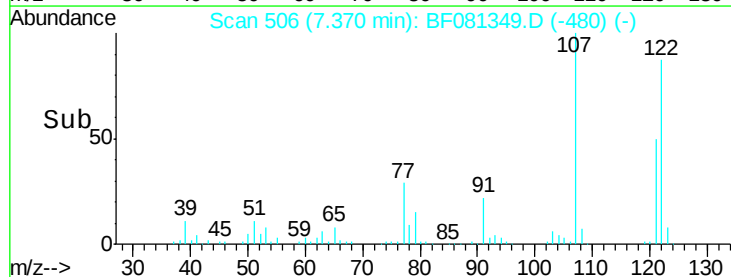
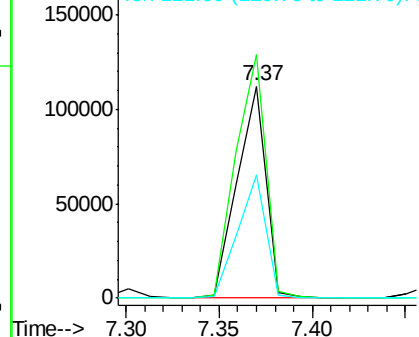


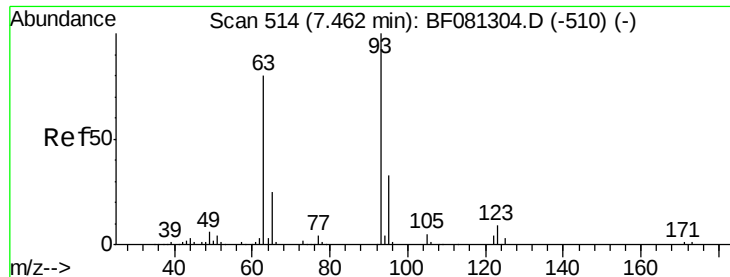
#27
2,4-Dimethylphenol
Concen: 32.68 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:122 Resp: 122144
Ion Ratio Lower Upper
122 100
107 114.8 71.8 107.6#
121 57.8 42.3 63.5



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





#28

bis(2-Chloroethoxy)methane

Concen: 33.80 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

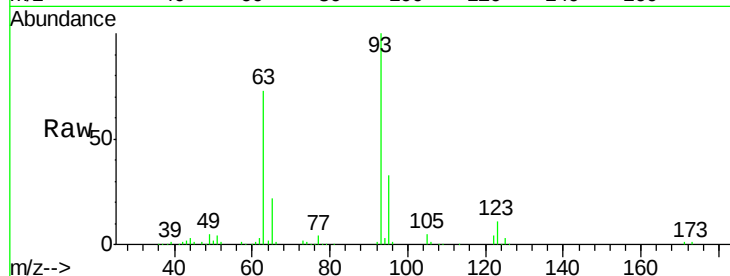
Tot Ion: 93 Resp: 173628

Ion Ratio Lower Upper

93 100

95 32.9 27.5 41.3

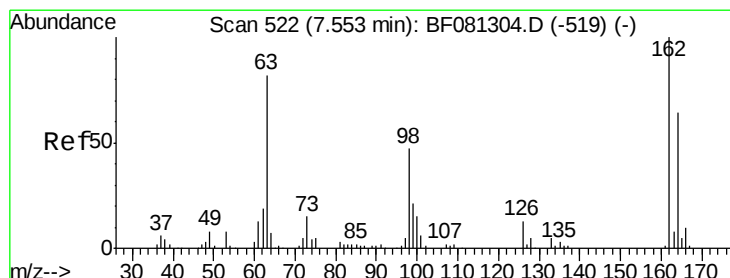
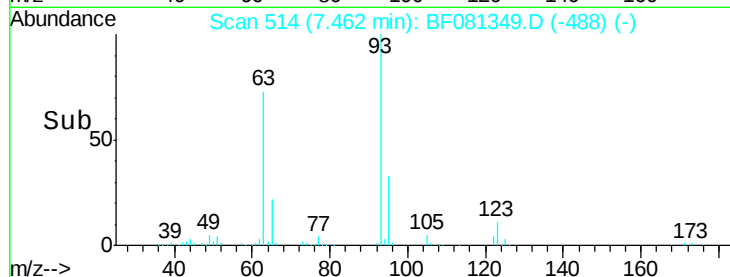
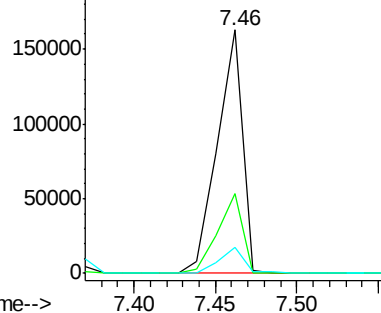
123 10.7 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 33.85 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

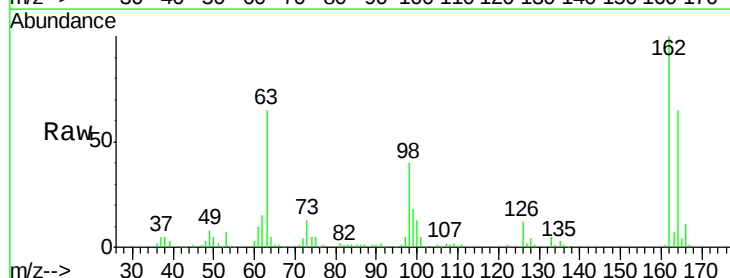
Tgt Ion: 162 Resp: 109725

Ion Ratio Lower Upper

162 100

164 64.6 44.9 84.9

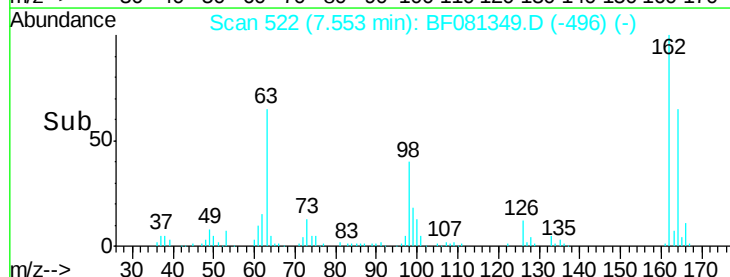
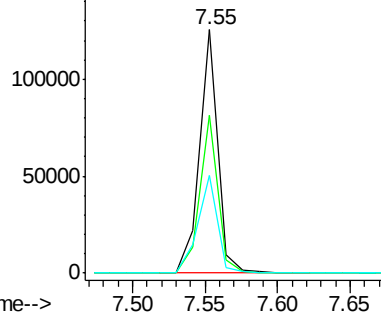
98 39.9 13.0 53.0

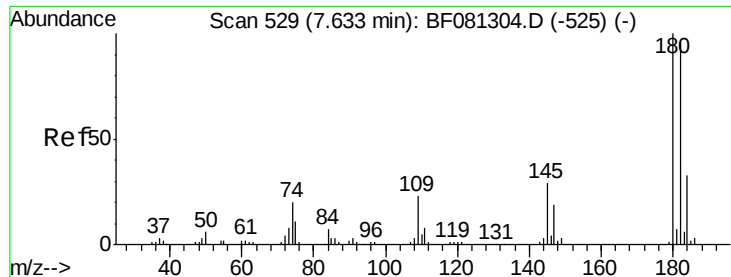


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

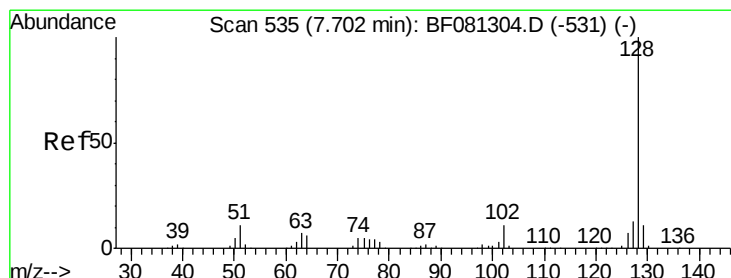
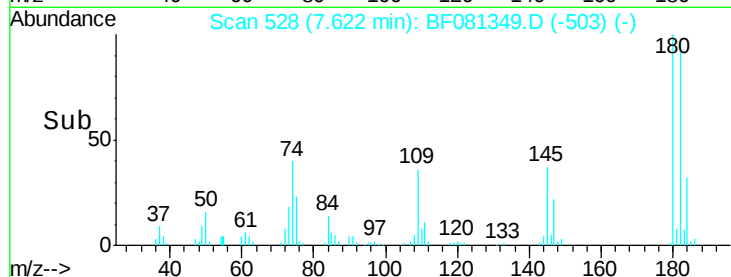
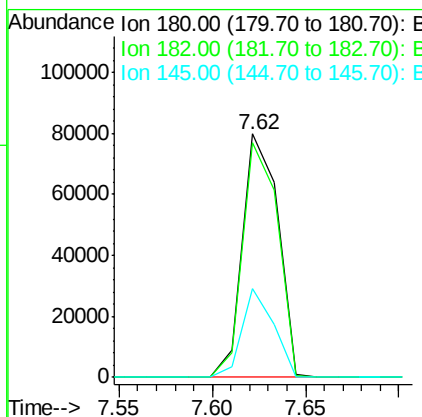
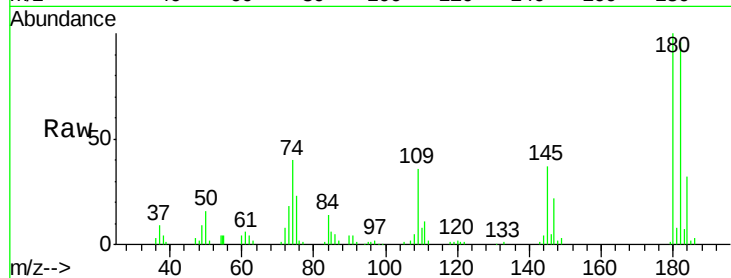




#30
 1,2,4-Trichlorobenzene
 Concen: 29.93 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

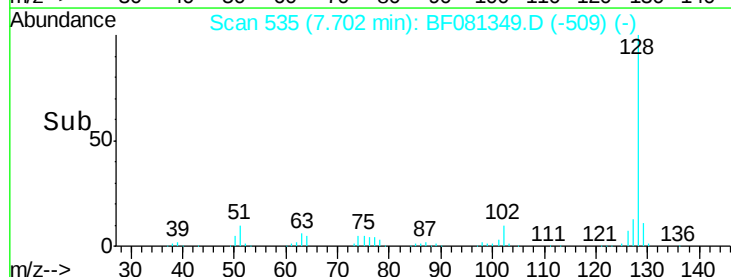
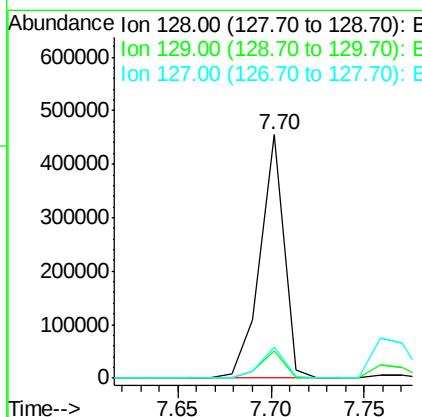
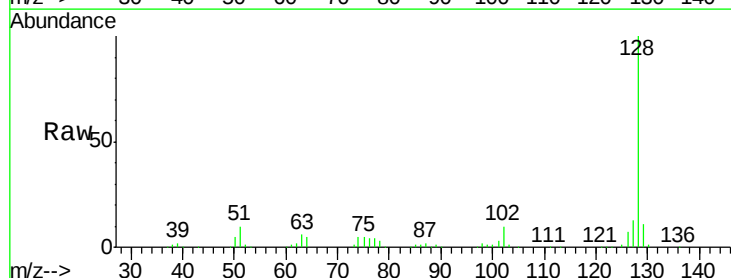
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

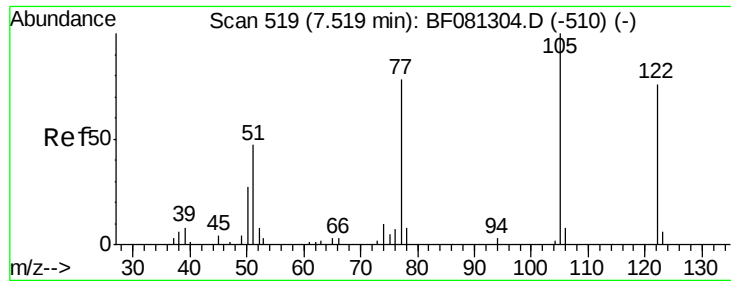
Tot Ion:180 Resp: 105390
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 145 36.7 23.3 34.9#



#31
 Naphthalene
 Concen: 32.79 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion:128 Resp: 403442
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.4 12.6
 127 13.1 9.9 14.9





#32

Benzoic acid

Concen: 13.33 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

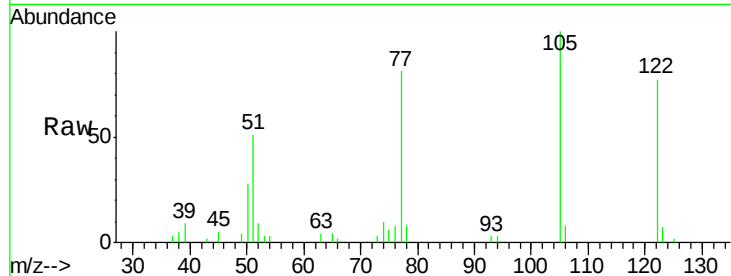
Tot Ion:122 Resp: 30390

Ion Ratio Lower Upper

122 100

105 129.9 76.1 116.1#

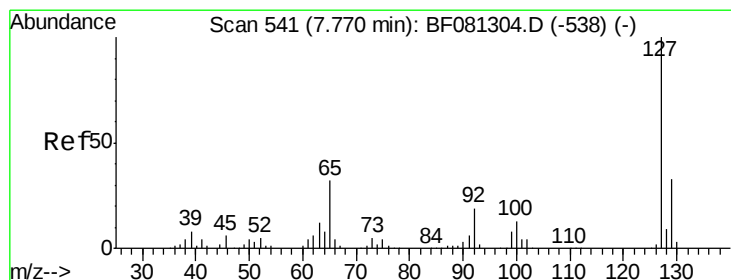
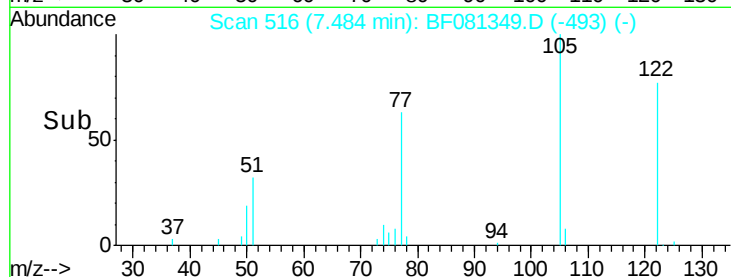
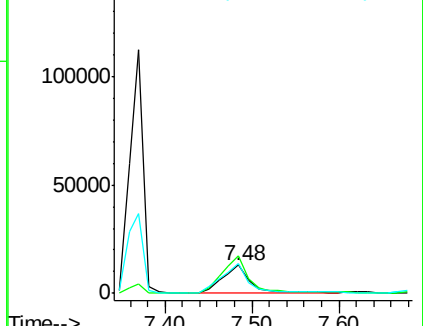
77 104.8 40.5 80.5#



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: 20.64 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:127 Resp: 103549

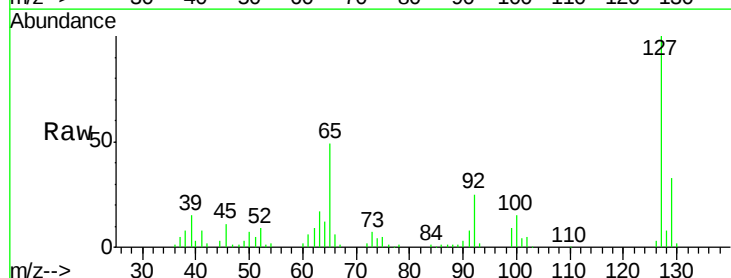
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.6

65 48.9 17.9 26.9#

92 24.9 10.5 15.7#

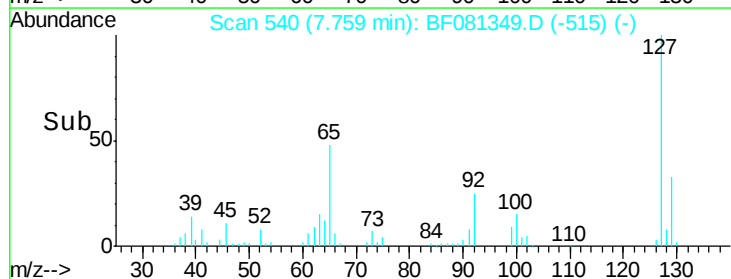
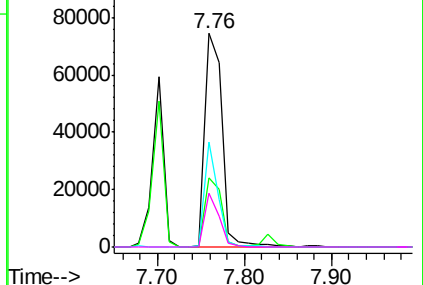


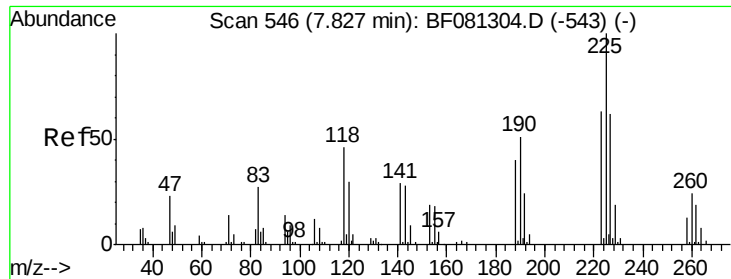
Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.09 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

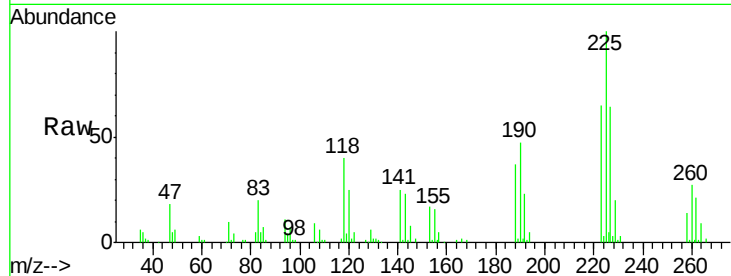
Tot Ion:225 Resp: 64483

Ion Ratio Lower Upper

225 100

223 65.4 50.2 75.2

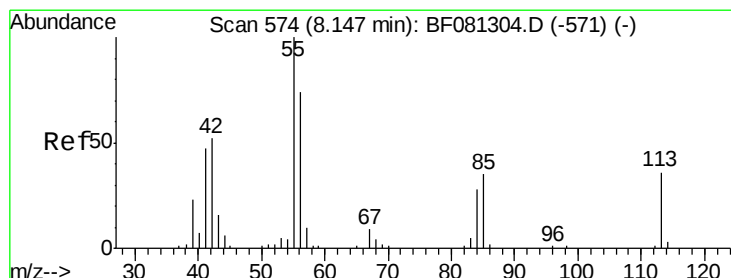
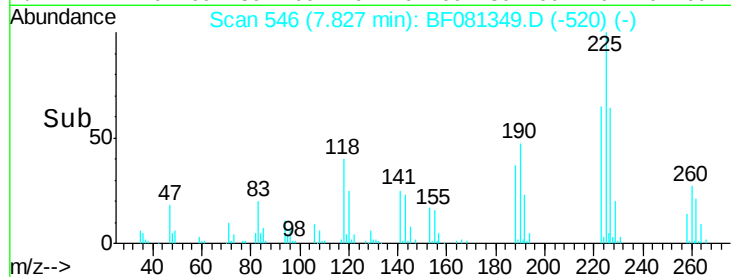
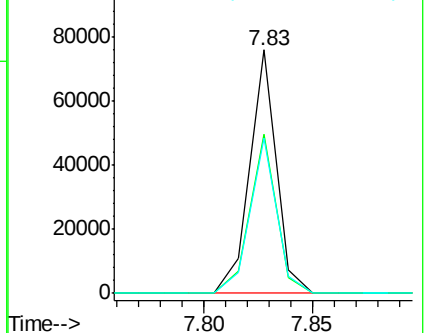
227 63.9 52.2 78.2



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: 10.26 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

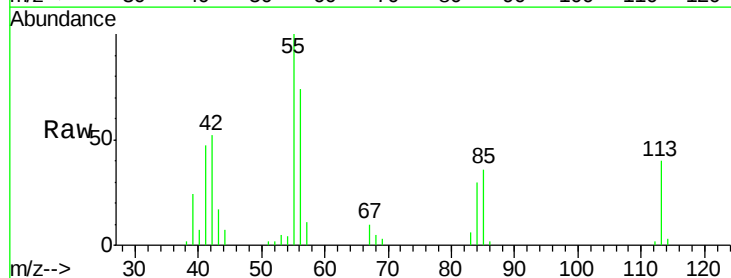
Tgt Ion:113 Resp: 10201

Ion Ratio Lower Upper

113 100

55 252.9 152.4 192.4#

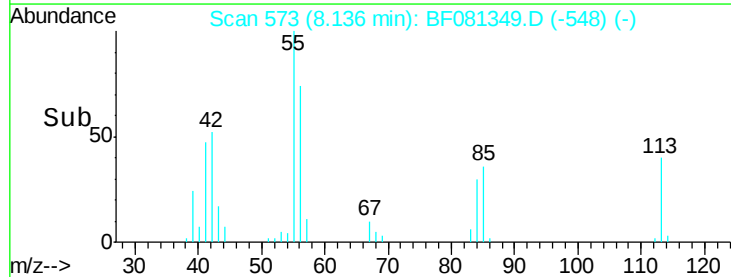
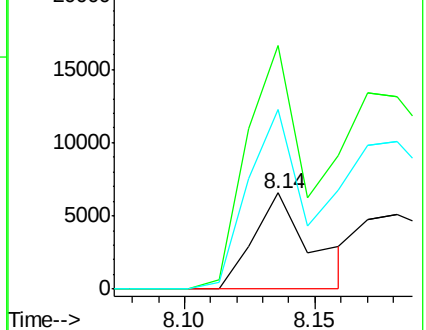
56 186.8 104.6 144.6#

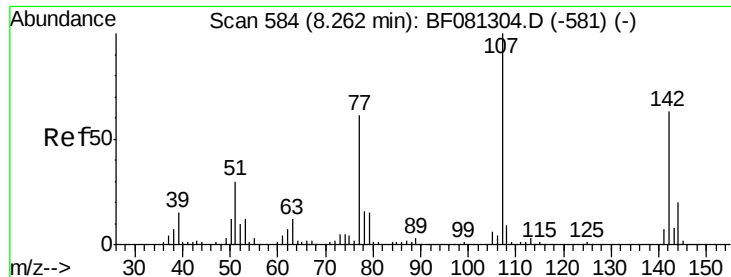


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

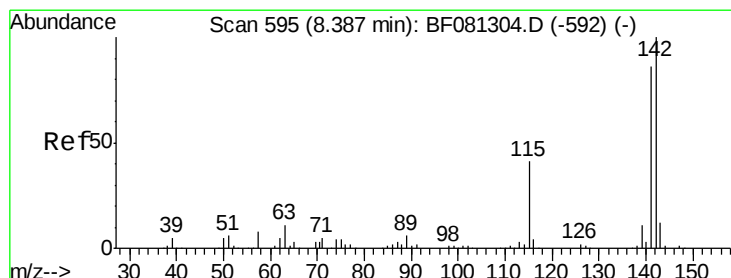
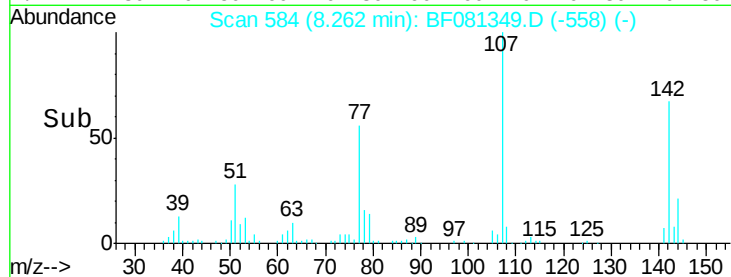
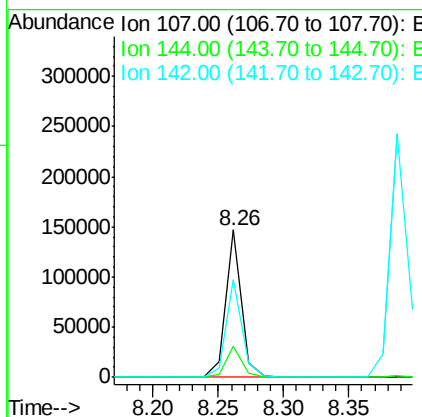
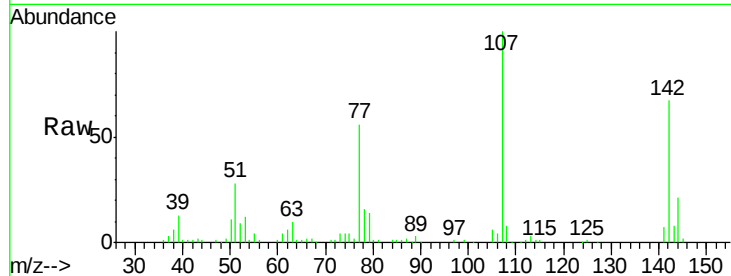




#36
 4-Chloro-3-methylphenol
 Concen: 34.19 ng
 RT: 8.26 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

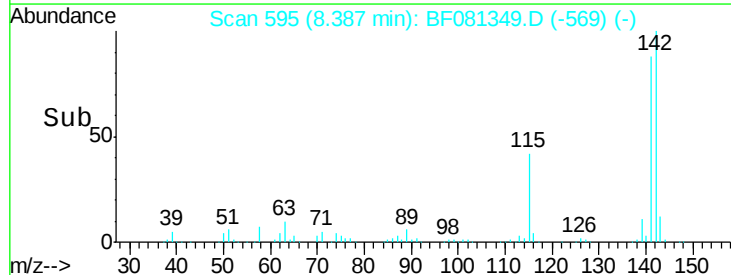
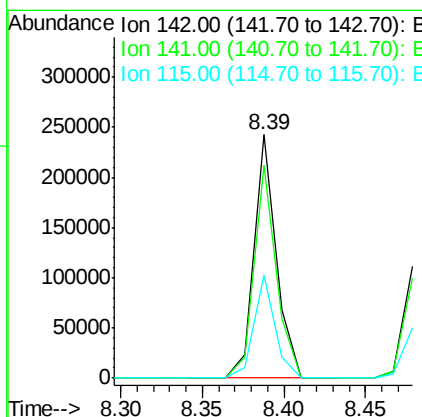
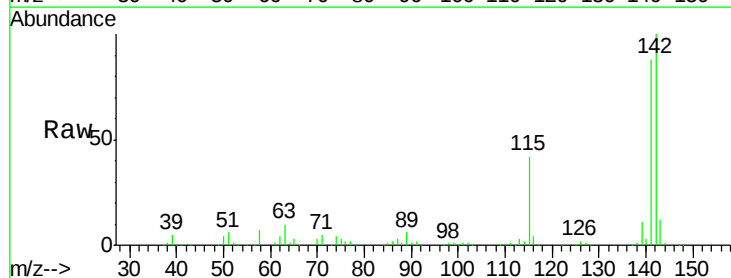
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

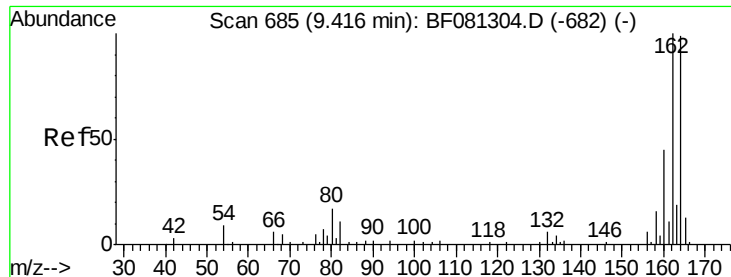
Tot Ion:107 Resp: 124045
 Ion Ratio Lower Upper
 107 100
 144 21.3 25.4 38.0#
 142 66.6 77.3 115.9#



#37
 2-Methylnaphthalene
 Concen: 28.82 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion:142 Resp: 230706
 Ion Ratio Lower Upper
 142 100
 141 87.6 67.5 101.3
 115 42.2 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: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

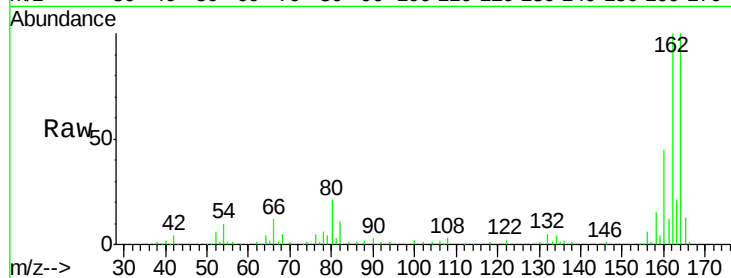
Tot Ion:164 Resp: 103338

Ion Ratio Lower Upper

164 100

162 100.5 75.2 112.8

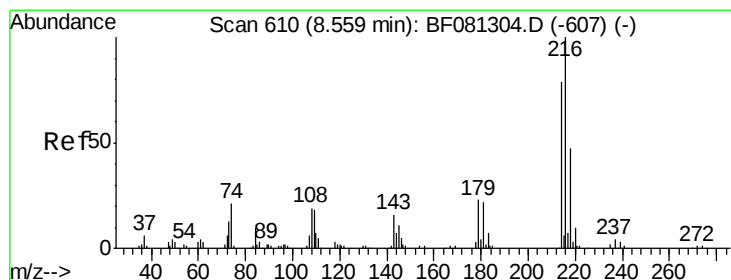
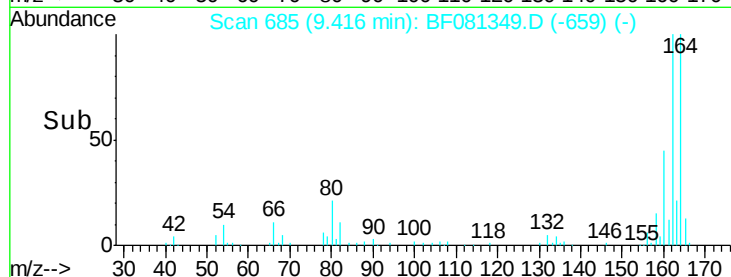
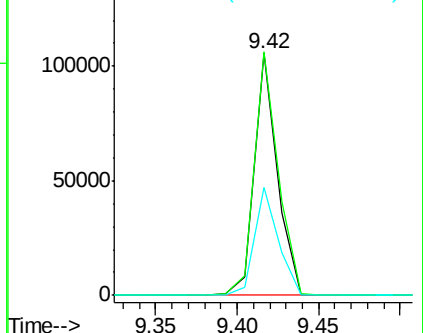
160 44.8 31.5 47.3



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: 34.00 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:216 Resp: 111105

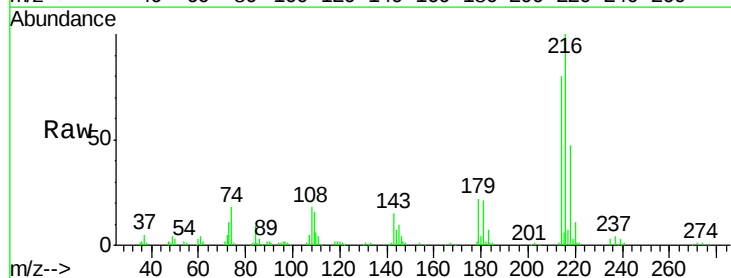
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 22.7 16.6 24.8

108 22.5 16.3 24.5

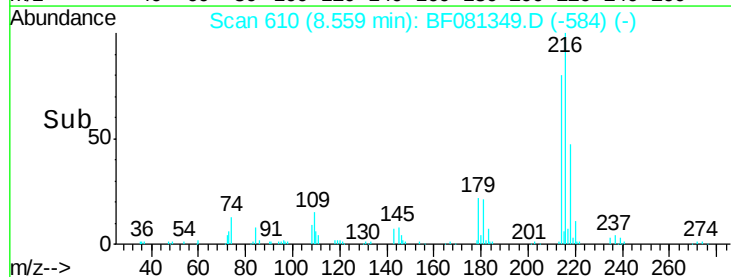
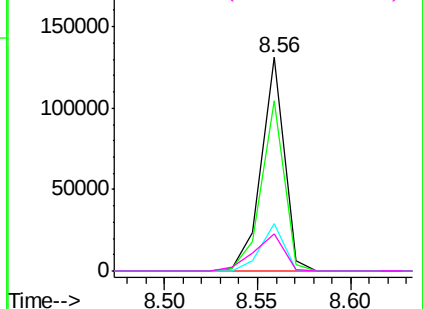


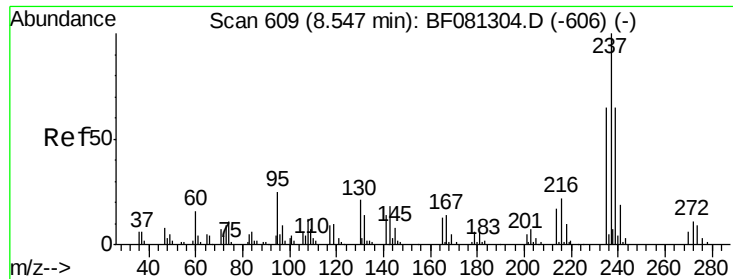
Abundance Ion 216.00 (215.70 to 216.70): E

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

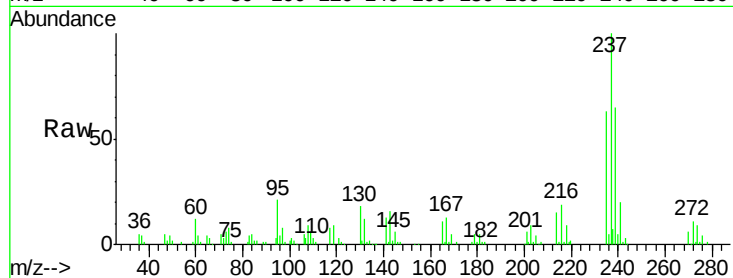




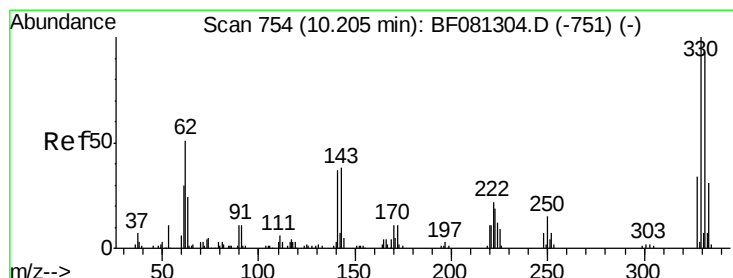
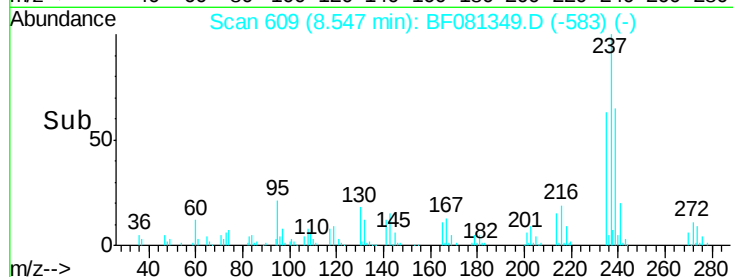
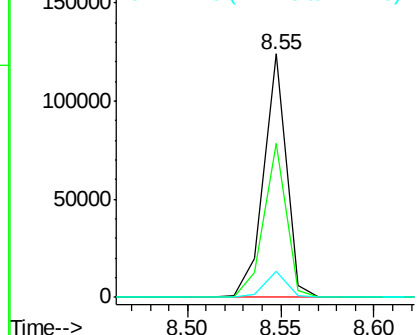
#40
Hexachlorocyclopentadiene
Concen: 64.30 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

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

Tot Ion:237 Resp: 103124
Ion Ratio Lower Upper
237 100
235 63.3 42.0 82.0
272 10.6 0.0 36.1

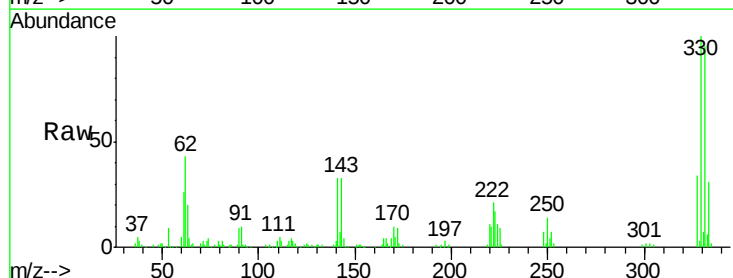


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

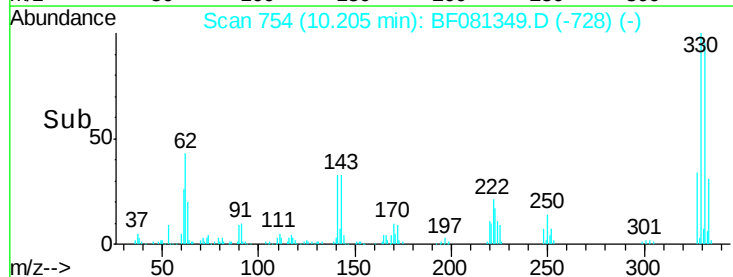
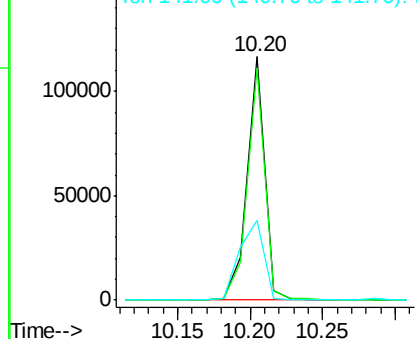


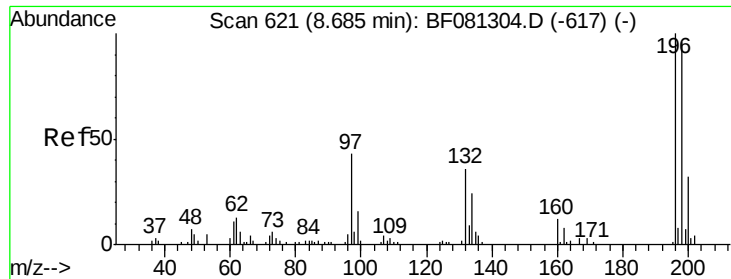
#41
2,4,6-Tribromophenol
Concen: 106.72 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:330 Resp: 98197
Ion Ratio Lower Upper
330 100
332 94.7 76.6 114.8
141 45.6 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

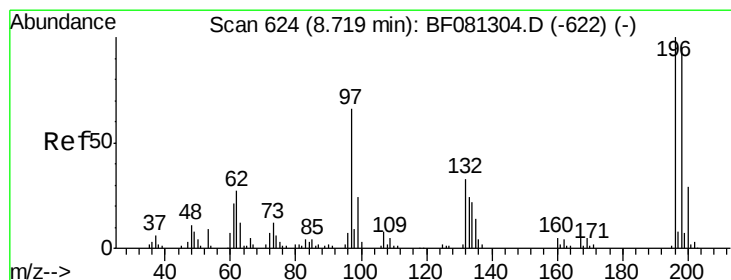
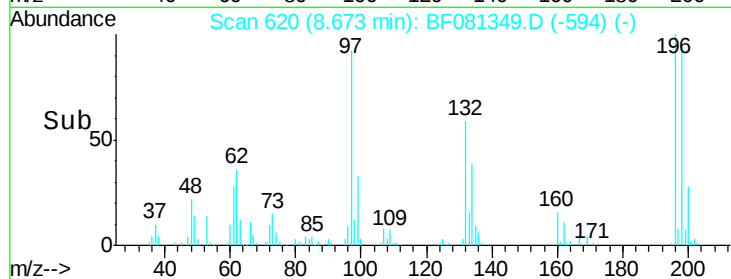
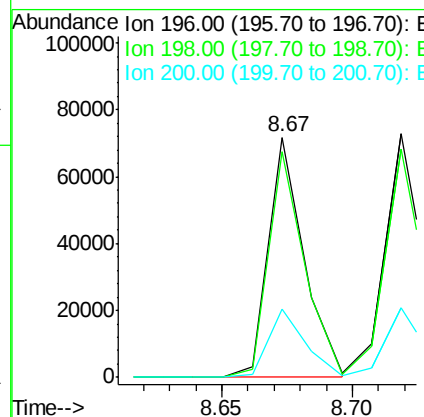
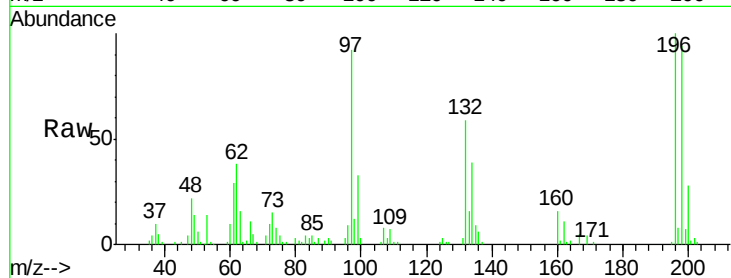




#42
 2,4,6-Trichlorophenol
 Concen: 30.44 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

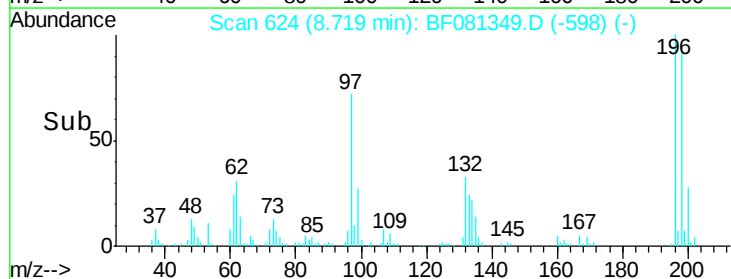
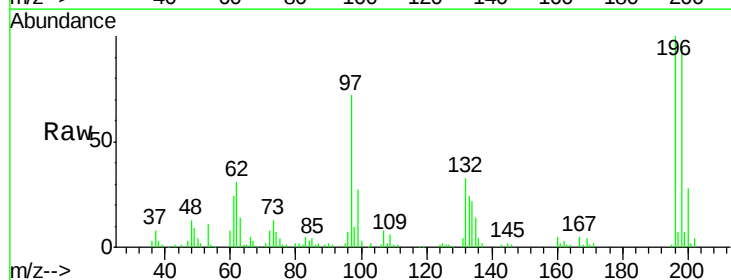
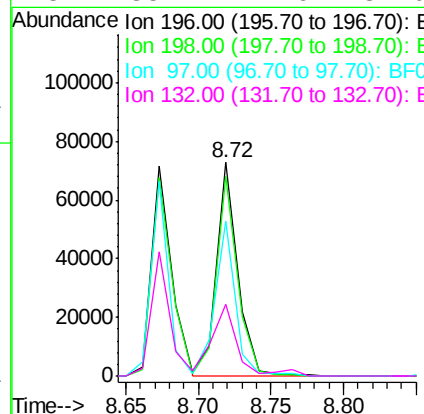
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

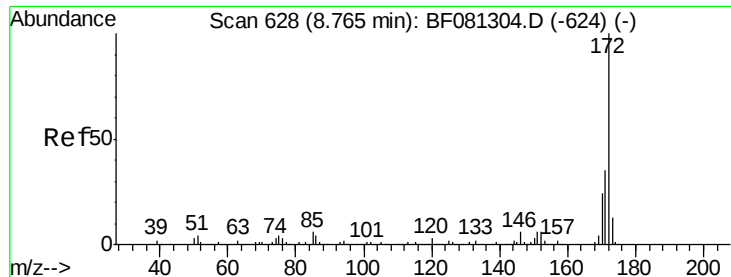
Tot Ion:196 Resp: 68650
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 28.5 23.9 35.9



#43
 2,4,5-Trichlorophenol
 Concen: 32.15 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion:196 Resp: 73968
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.4 113.0
 97 72.3 33.3 49.9#
 132 33.4 24.6 37.0

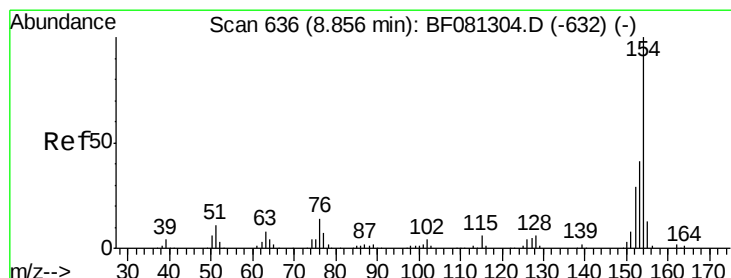
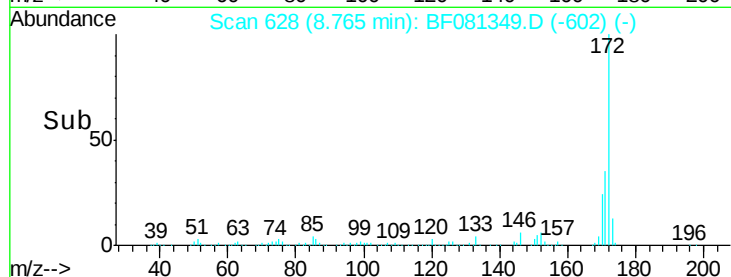
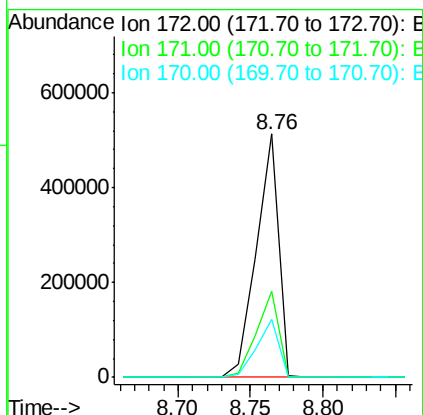
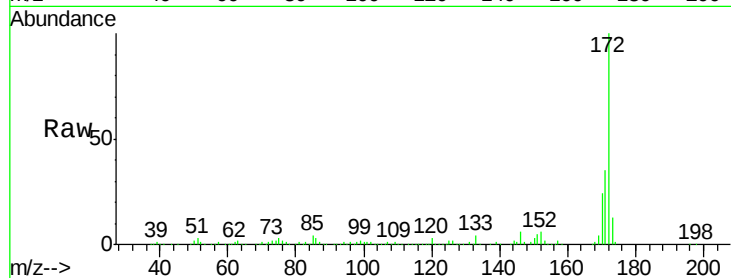




#44
2-Fluorobiphenyl
Concen: 67.66 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

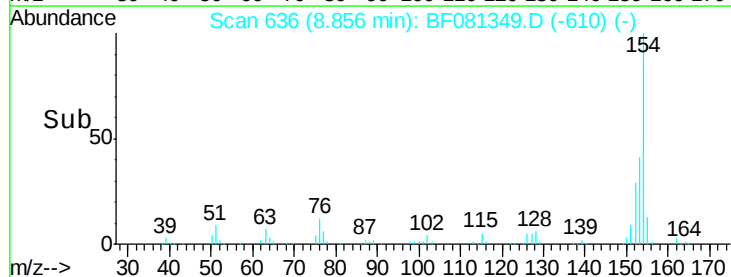
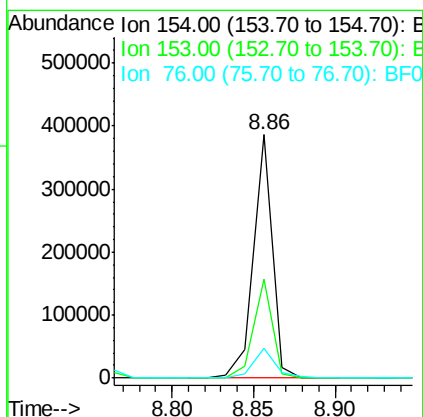
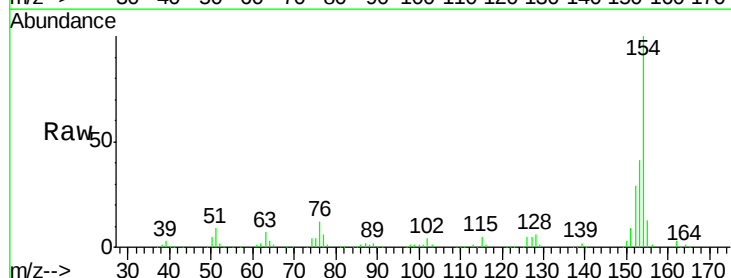
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

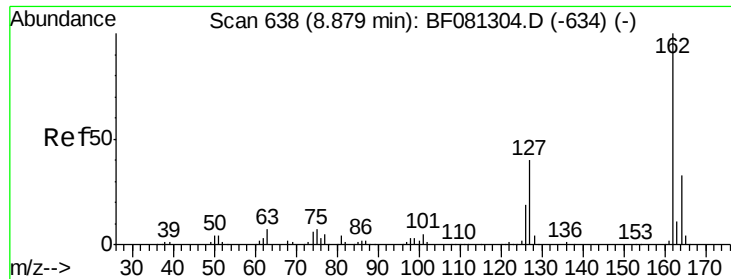
Tot Ion:172 Resp: 545573
Ion Ratio Lower Upper
172 100
171 35.4 26.1 39.1
170 23.8 17.4 26.2



#45
1,1'-Biphenyl
Concen: 32.78 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:154 Resp: 311685
Ion Ratio Lower Upper
154 100
153 40.7 17.1 57.1
76 12.2 0.0 31.6

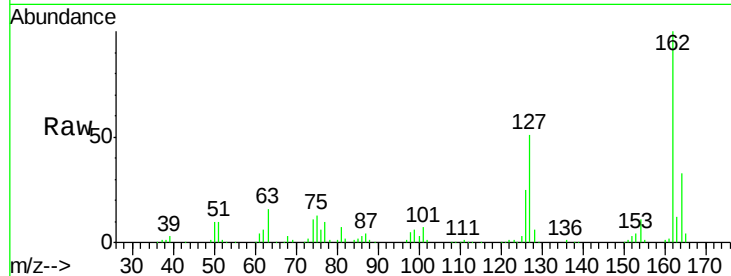




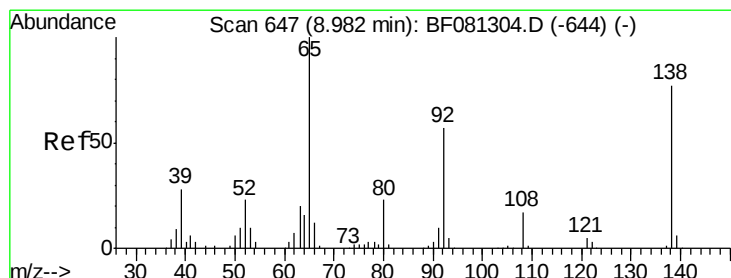
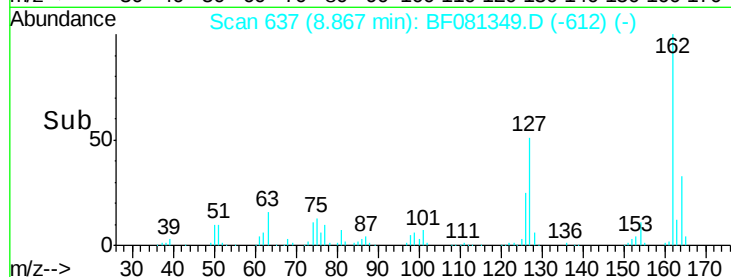
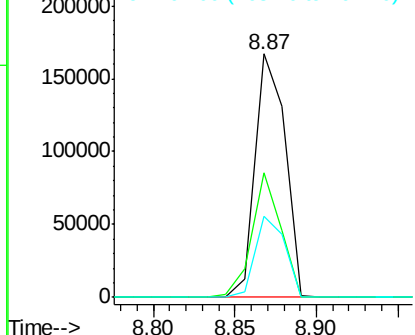
#46
 2-Chloronaphthalene
 Concen: 31.22 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

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

Tot Ion:162 Resp: 214330
 Ion Ratio Lower Upper
 162 100
 127 51.3 27.6 41.4#
 164 33.1 25.4 38.2

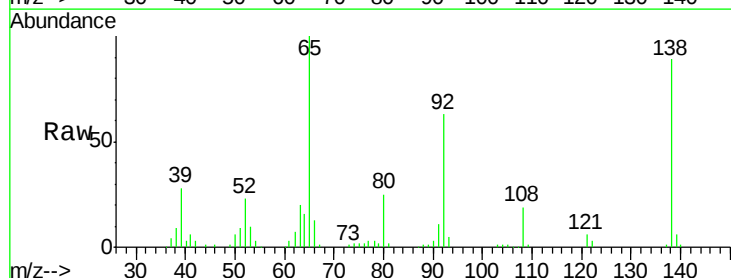


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

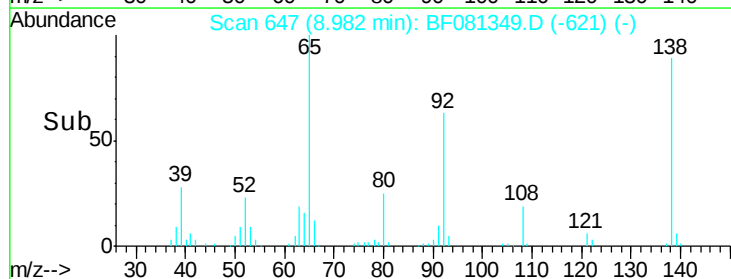
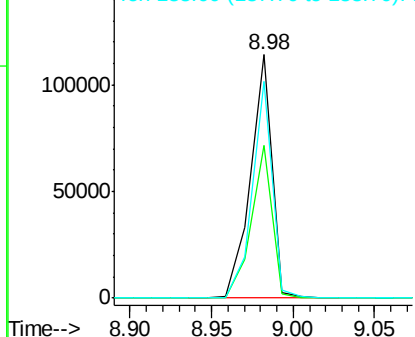


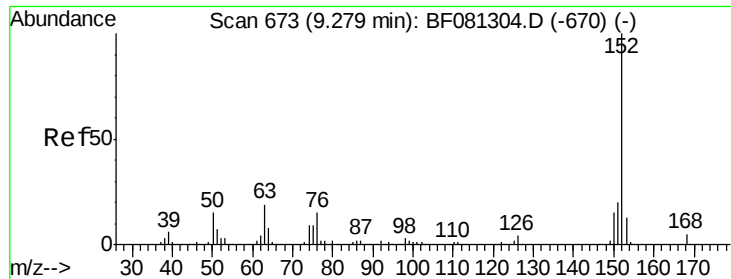
#47
 2-Nitroaniline
 Concen: 37.07 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion: 65 Resp: 103727
 Ion Ratio Lower Upper
 65 100
 92 62.7 55.4 83.0
 138 88.8 115.5 173.3#



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





#48

Acenaphthylene

Concen: 29.59 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

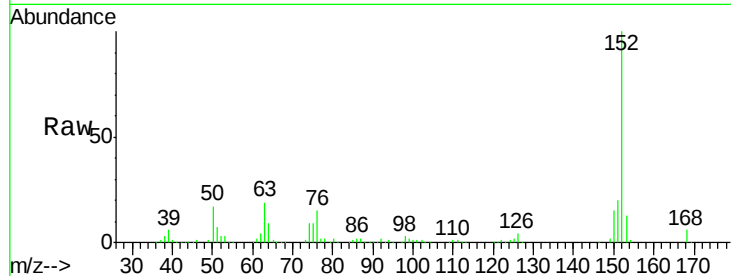
Tot Ion:152 Resp: 360396

Ion Ratio Lower Upper

152 100

151 20.1 14.6 22.0

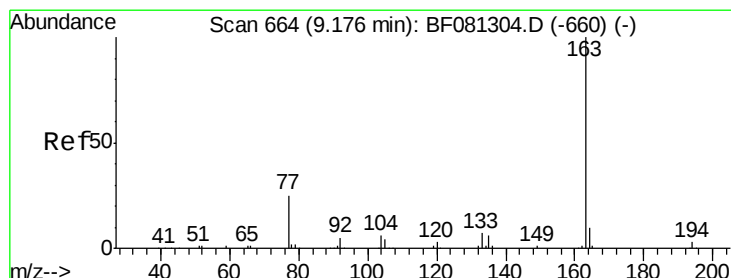
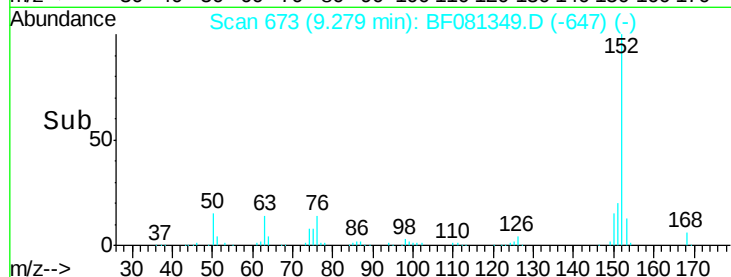
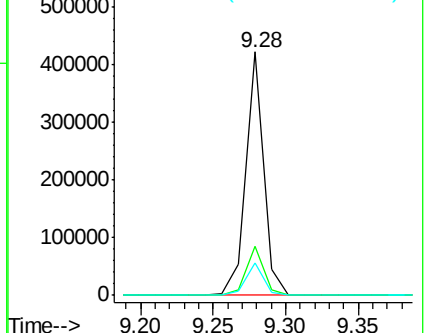
153 13.2 10.3 15.5



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: 49.54 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

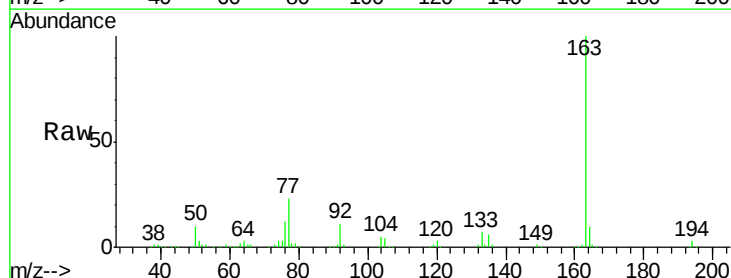
Tgt Ion:163 Resp: 397739

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

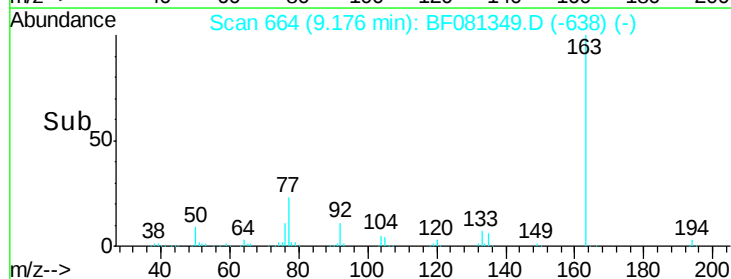
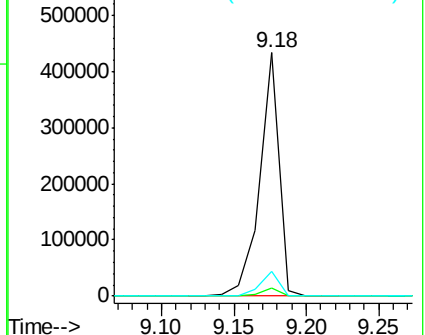
164 10.0 8.3 12.5

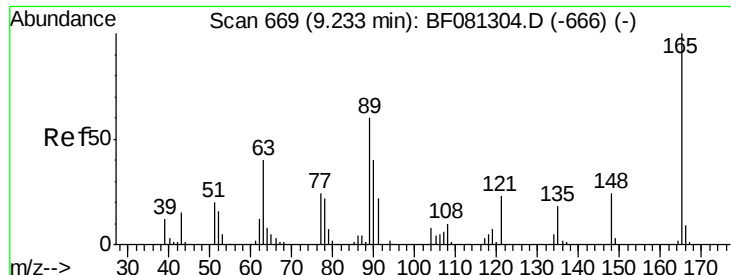


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

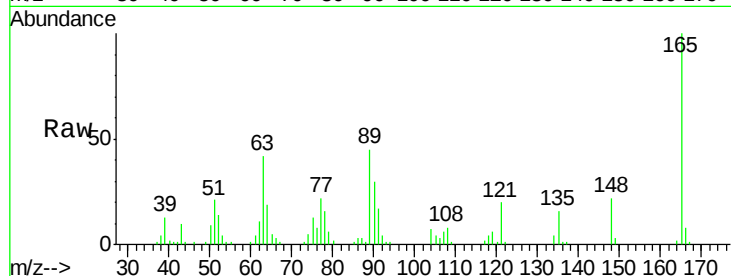




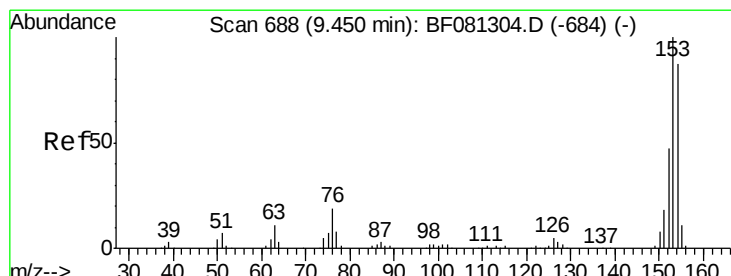
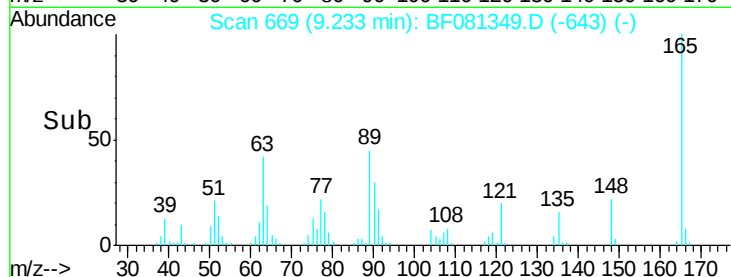
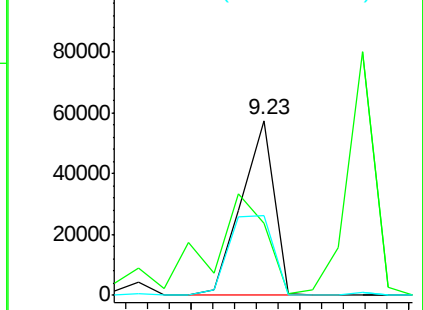
#50
 2,6-Dinitrotoluene
 Concen: 33.06 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

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

Tot Ion:165 Resp: 60239
 Ion Ratio Lower Upper
 165 100
 63 41.6 32.3 48.5
 89 45.4 28.6 43.0#

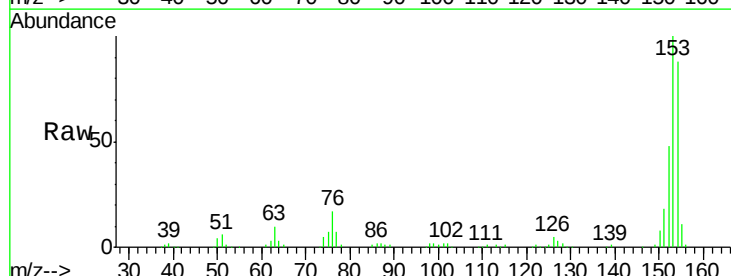


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

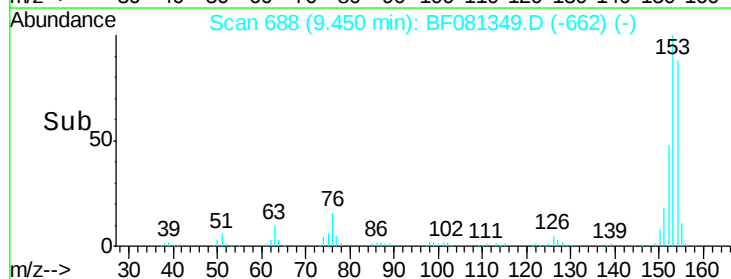
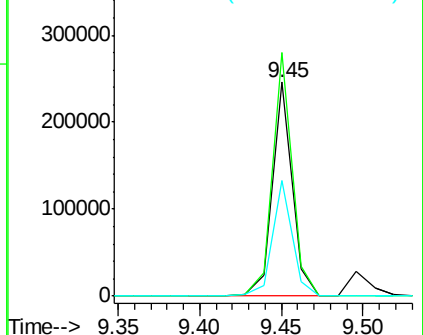


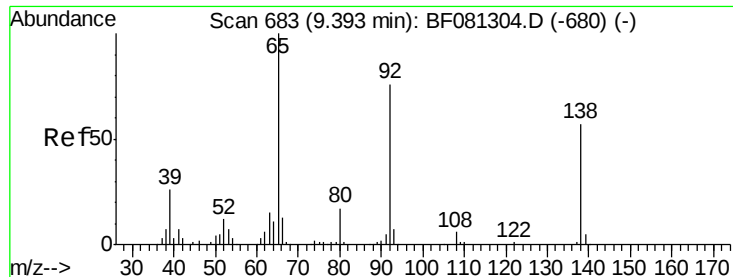
#51
 Acenaphthene
 Concen: 30.10 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion:154 Resp: 208549
 Ion Ratio Lower Upper
 154 100
 153 113.8 82.1 123.1
 152 54.2 37.9 56.9



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





#52

3-Nitroaniline

Concen: 30.53 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

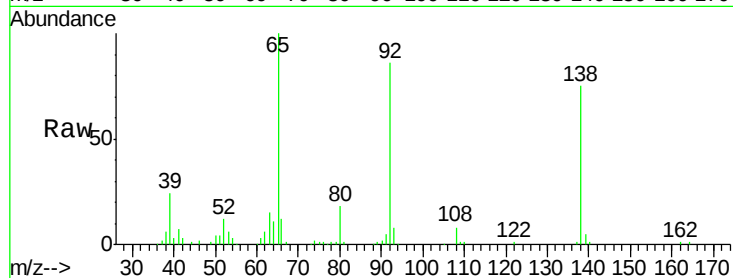
Tot Ion:138 Resp: 63331

Ion Ratio Lower Upper

138 100

108 10.0 5.7 8.5#

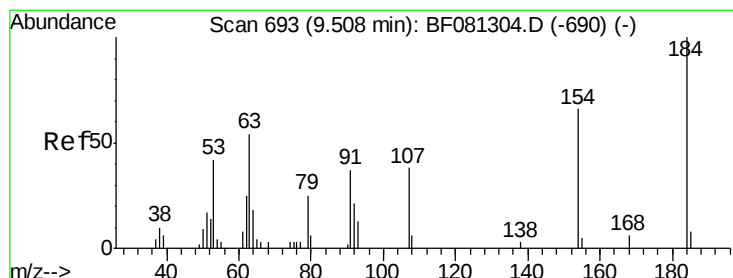
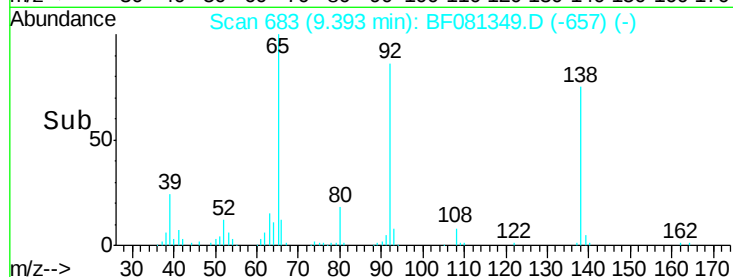
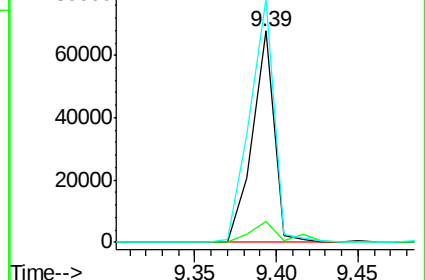
92 115.2 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 50.30 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

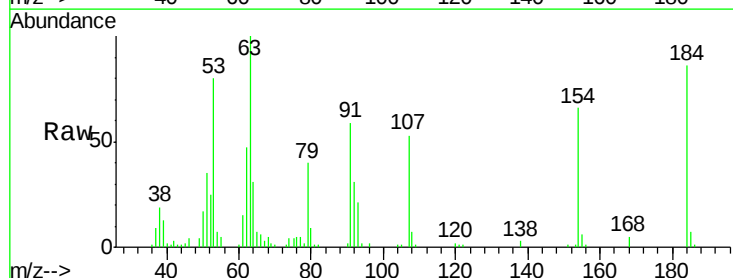
Tgt Ion:184 Resp: 38605

Ion Ratio Lower Upper

184 100

63 116.9 35.4 53.2#

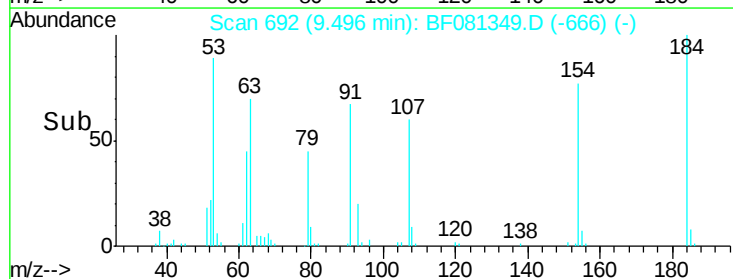
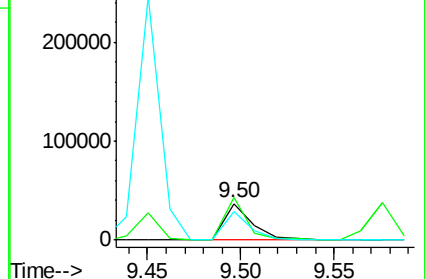
154 76.8 32.2 48.4#

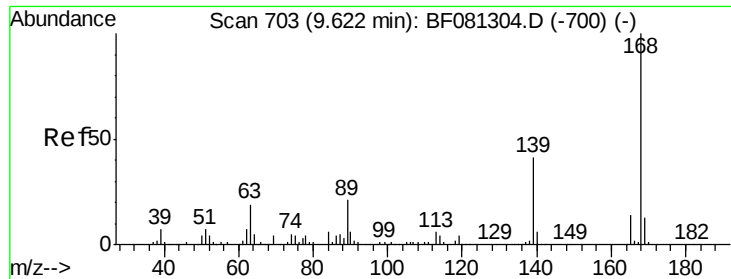


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

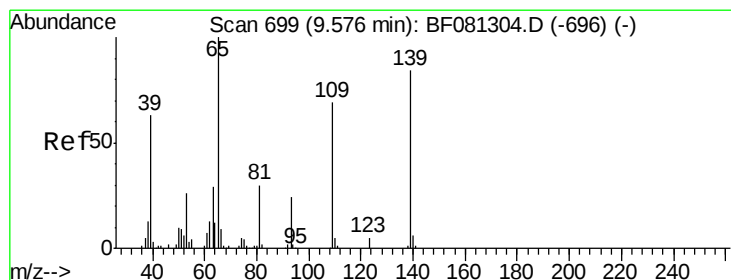
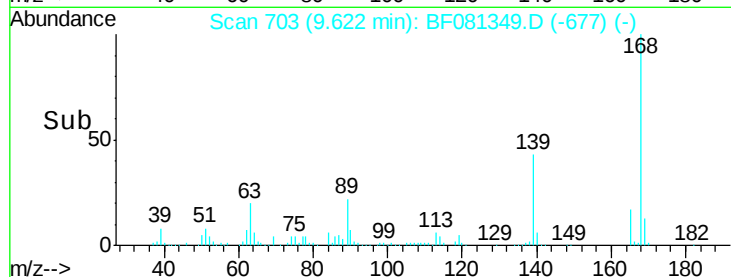
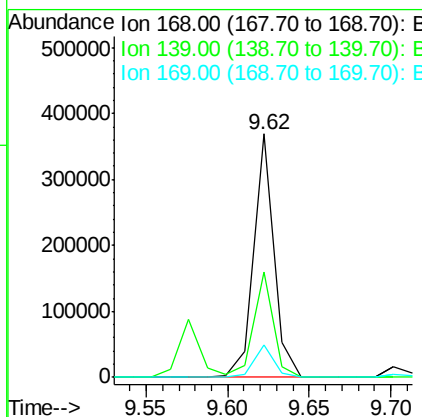
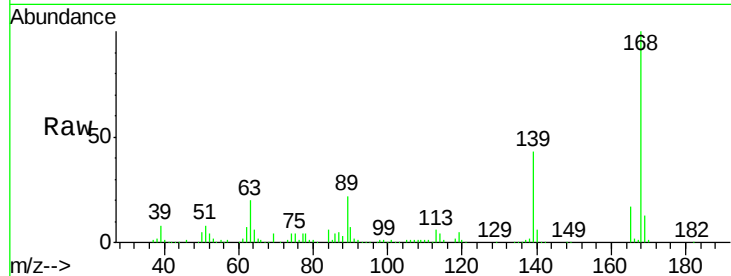




#54
Dibenzenofuran
Concen: 31.46 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

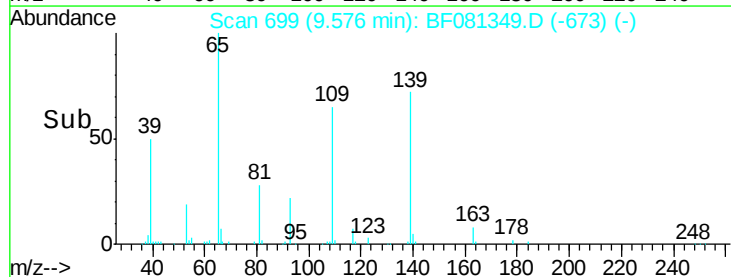
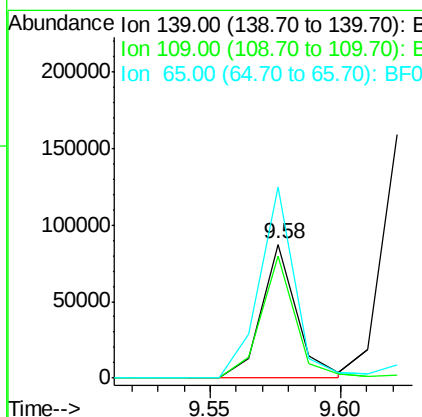
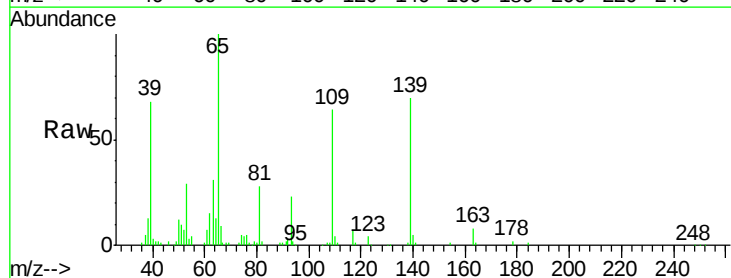
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

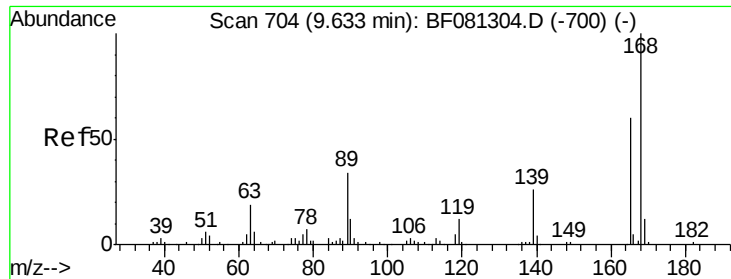
Tot Ion:168 Resp: 318257
Ion Ratio Lower Upper
168 100
139 43.1 24.2 36.2#
169 13.4 10.6 15.8



#55
4-Nitrophenol
Concen: 62.49 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:139 Resp: 81438
Ion Ratio Lower Upper
139 100
109 91.4 12.7 52.7#
65 142.8 45.9 85.9#

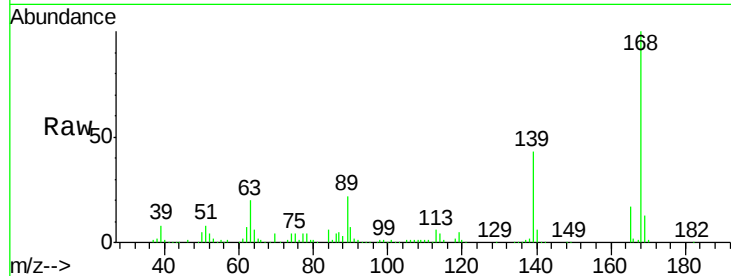




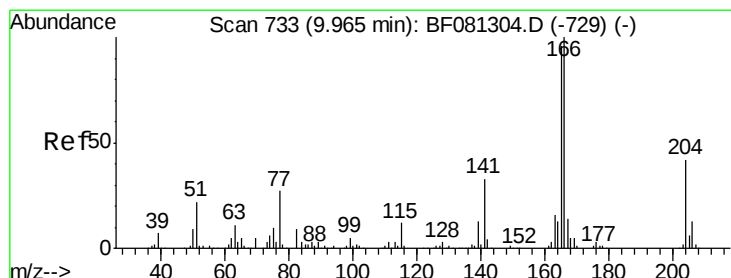
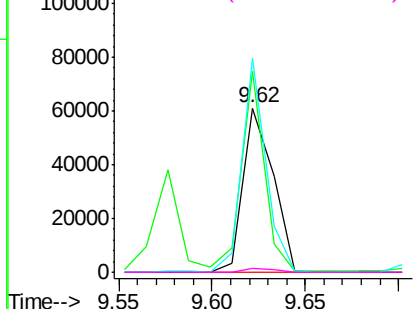
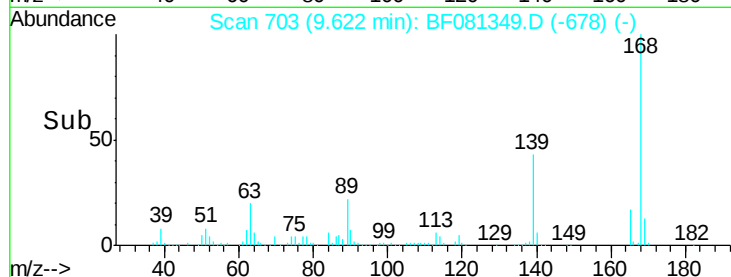
#56
 2,4-Dinitrotoluene
 Concen: 29.60 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

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

Tot Ion:165 Resp: 68683
 Ion Ratio Lower Upper
 165 100
 63 122.7 29.8 44.6#
 89 130.3 44.5 66.7#
 182 2.0 3.0 4.4#

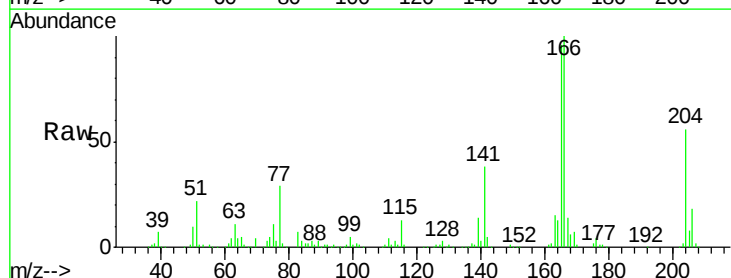


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

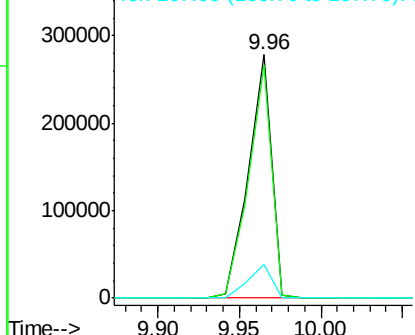
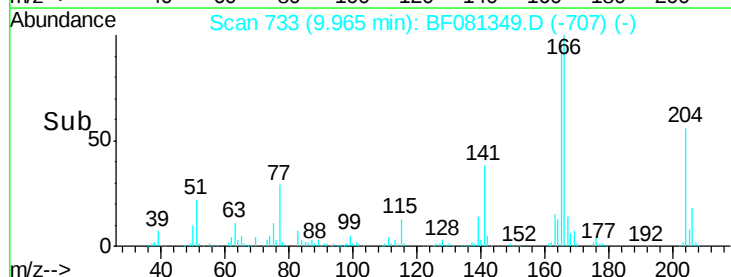


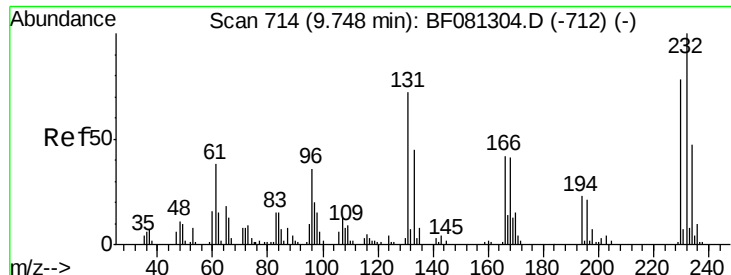
#57
 Fluorene
 Concen: 35.76 ng
 RT: 9.96 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion:166 Resp: 274538
 Ion Ratio Lower Upper
 166 100
 165 95.8 72.6 109.0
 167 13.7 10.6 16.0



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

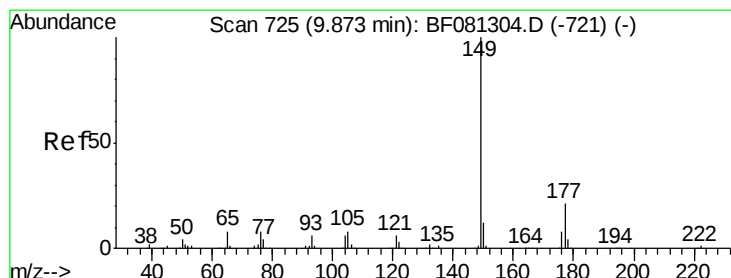
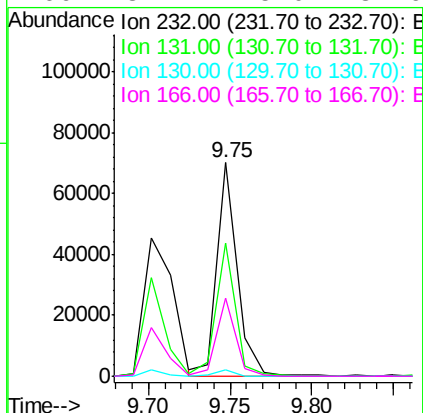
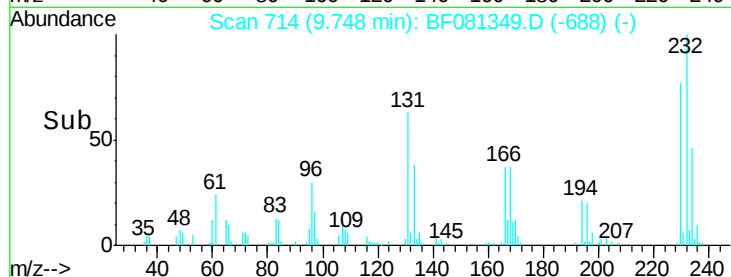
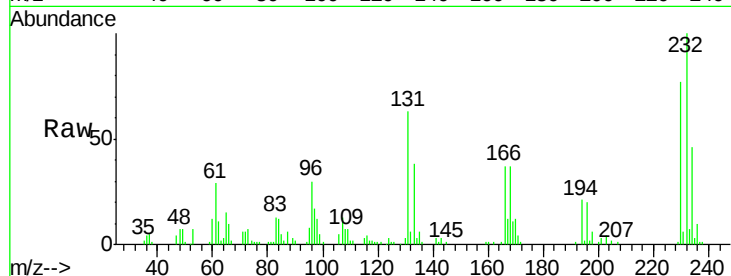




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.02 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

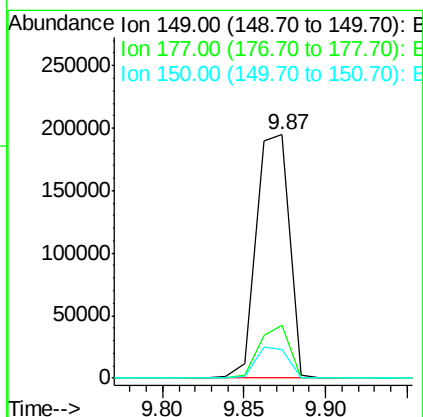
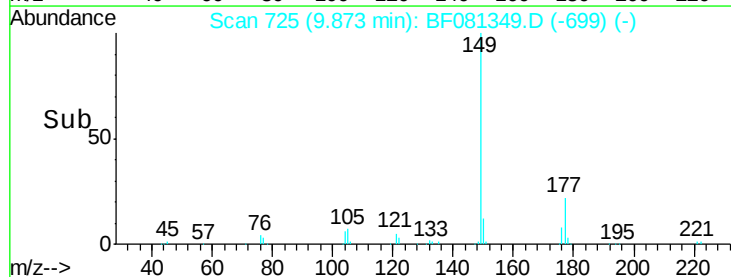
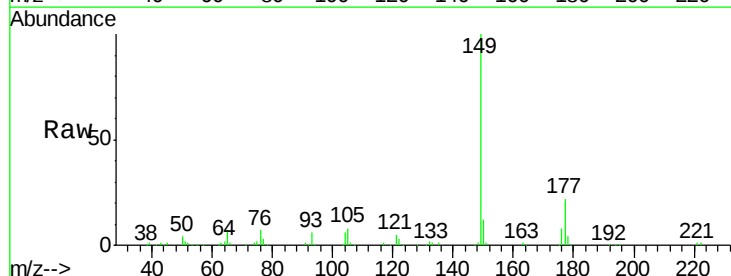
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

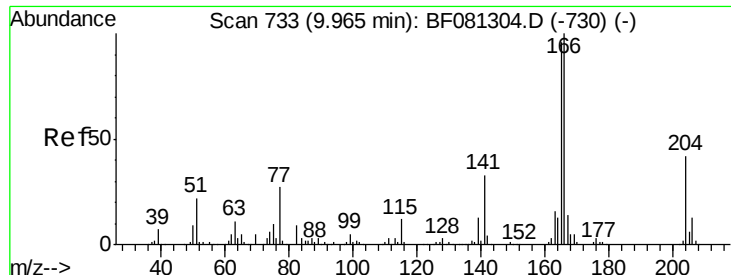
Tot Ion:232 Resp: 61521
 Ion Ratio Lower Upper
 232 100
 131 59.1 38.5 57.7#
 130 2.9 1.8 2.6#
 166 34.7 25.0 37.6



#59
 Diethylphthalate
 Concen: 32.45 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion:149 Resp: 274086
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.5 26.3
 150 11.6 9.4 14.2

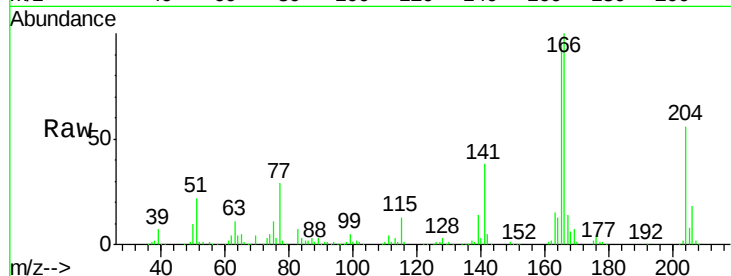




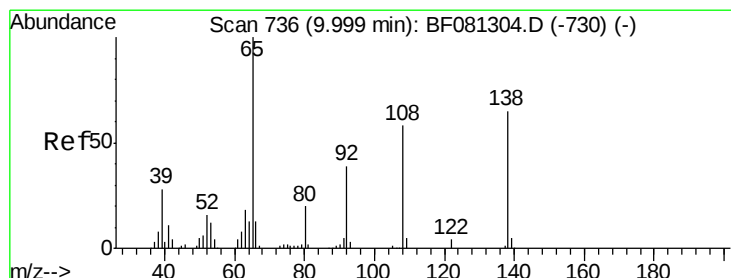
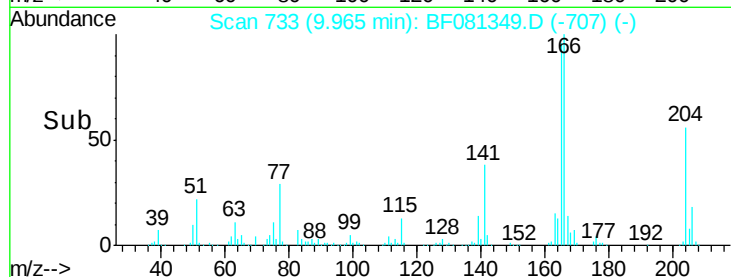
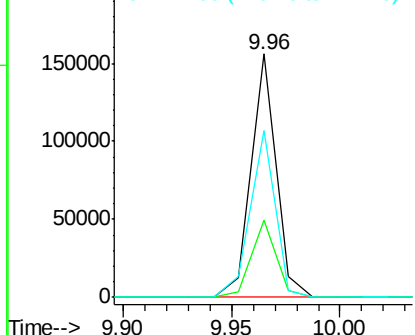
#60
 4-Chlorophenyl-phenylether
 Concen: 34.76 ng
 RT: 9.96 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

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

Tot Ion:204 Resp: 124377
 Ion Ratio Lower Upper
 204 100
 206 31.7 24.8 37.2
 141 68.3 42.2 63.4#

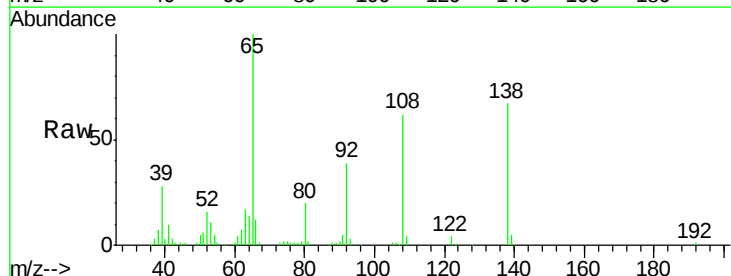


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

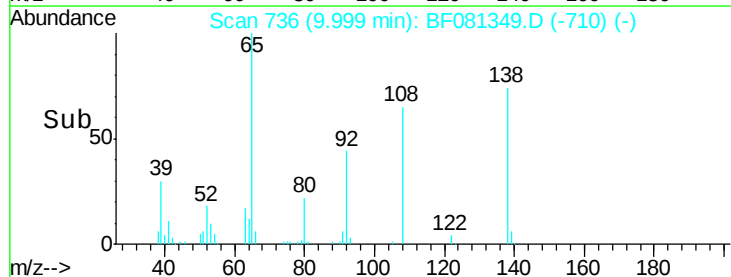
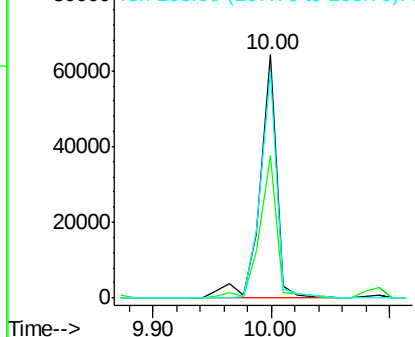


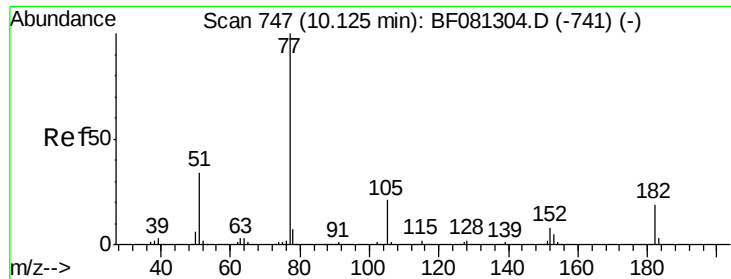
#61
 4-Nitroaniline
 Concen: 30.14 ng
 RT: 10.00 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion:138 Resp: 63170
 Ion Ratio Lower Upper
 138 100
 92 58.6 12.6 52.6#
 108 93.2 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: 35.43 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

Tot Ion: 77 Resp: 332635

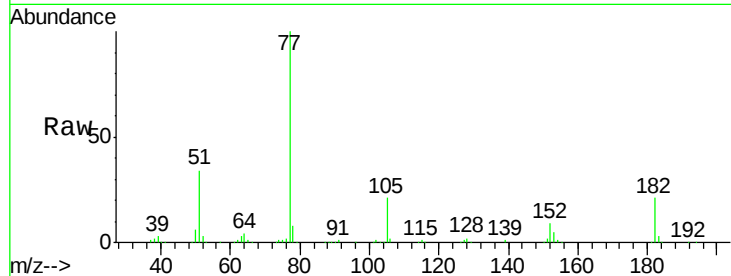
Ion Ratio Lower Upper

77 100

182 21.2 15.1 55.1

105 21.5 3.4 43.4

51 34.5 12.0 52.0

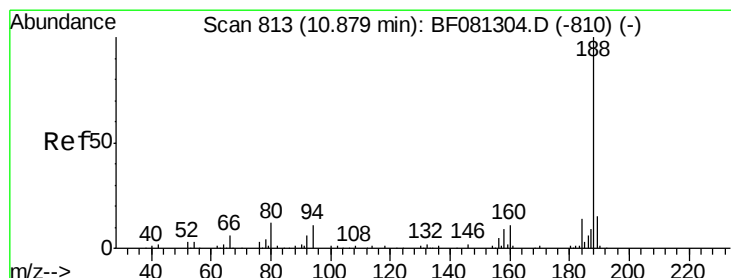
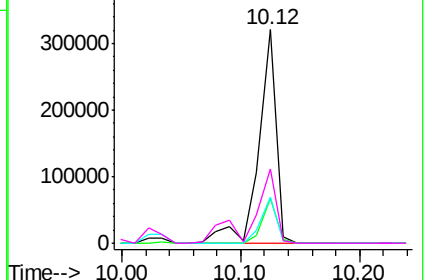
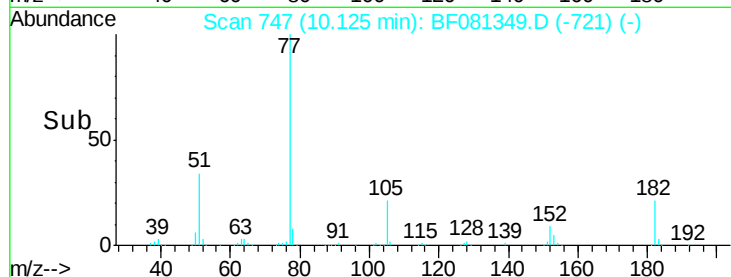


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF081349.D

Acq: 2 Sep 2015 15:29

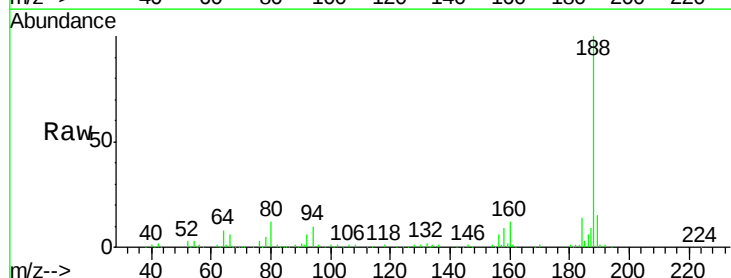
Tgt Ion: 188 Resp: 200891

Ion Ratio Lower Upper

188 100

94 10.4 11.1 16.7#

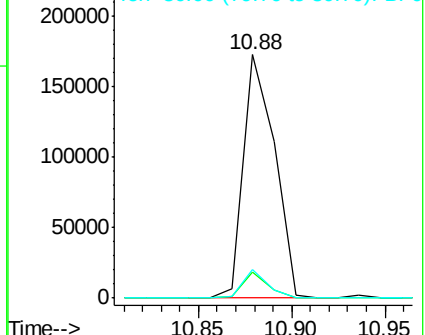
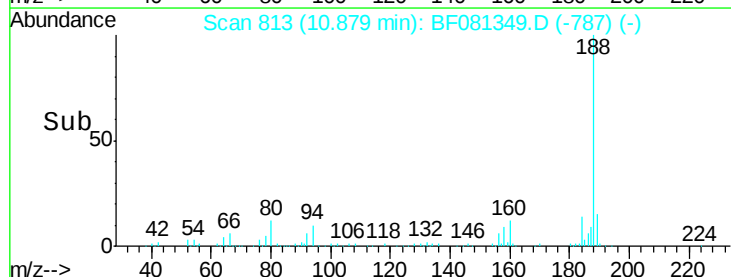
80 11.8 11.0 16.4

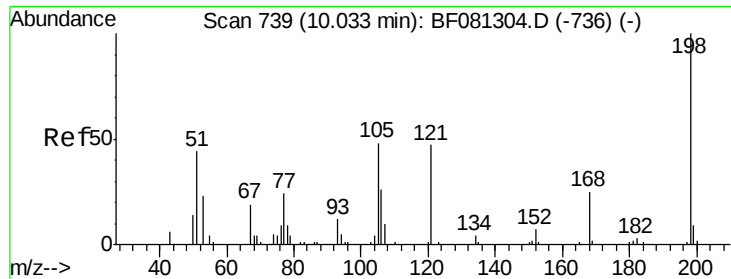


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

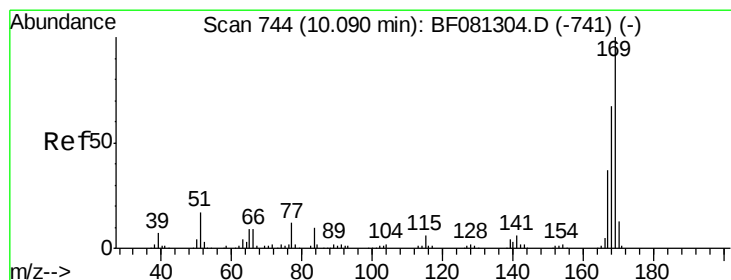
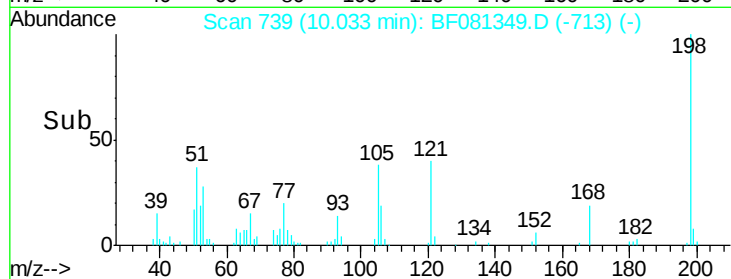
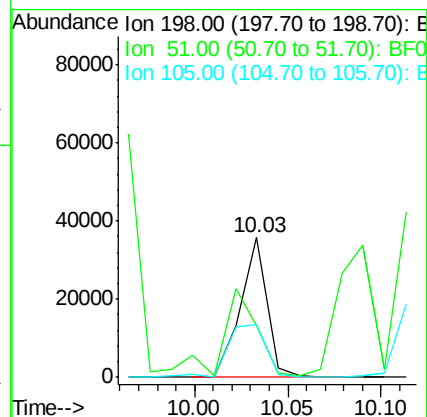
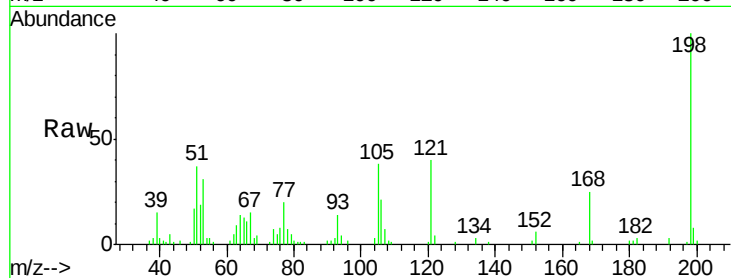




#64
4,6-Dinitro-2-methylphenol
Concen: 31.77 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

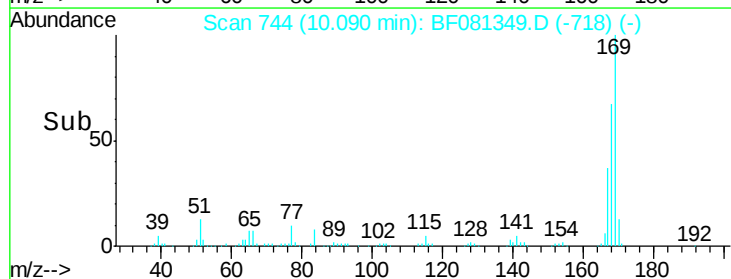
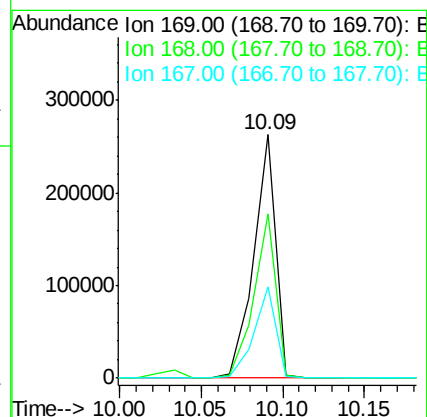
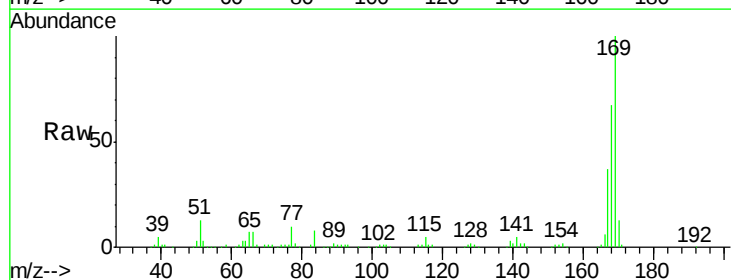
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

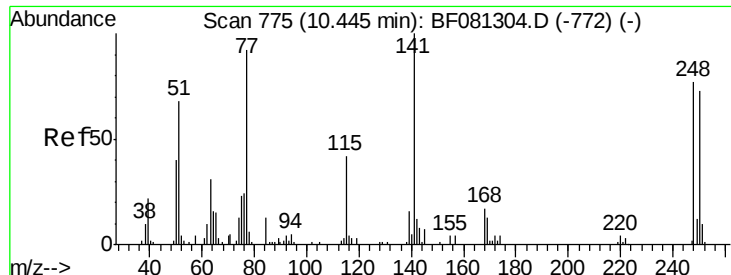
Tot Ion:198 Resp: 35694
Ion Ratio Lower Upper
198 100
51 37.0 39.6 79.6#
105 38.2 28.5 68.5



#65
n-Nitrosodiphenylamine
Concen: 33.59 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:169 Resp: 245577
Ion Ratio Lower Upper
169 100
168 67.4 48.9 73.3
167 37.3 26.2 39.4





#66

4-Bromophenyl-phenylether

Concen: 31.06 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

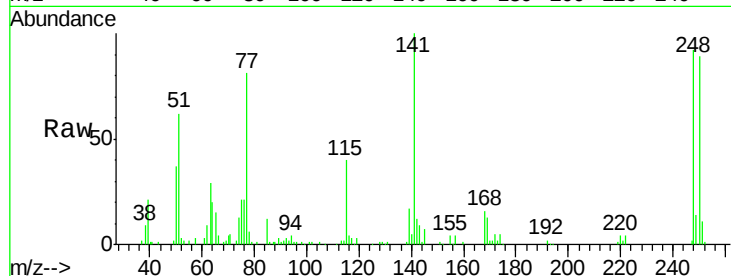
Tot Ion:248 Resp: 63088

Ion Ratio Lower Upper

248 100

250 96.4 78.5 117.7

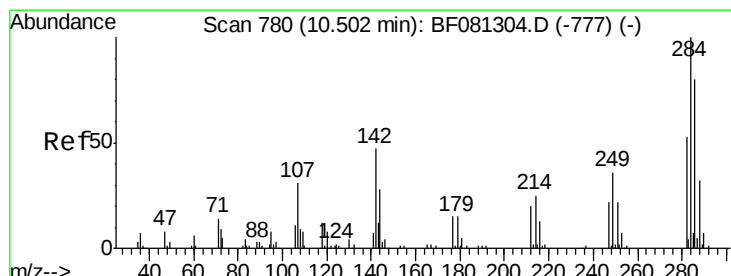
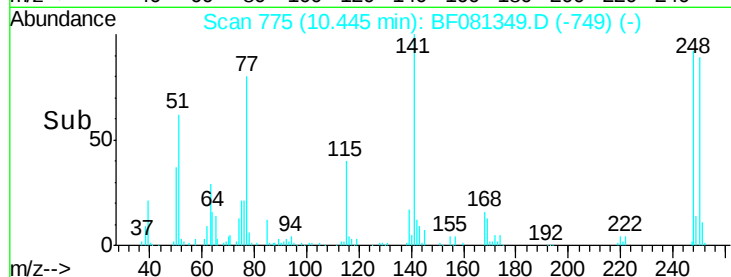
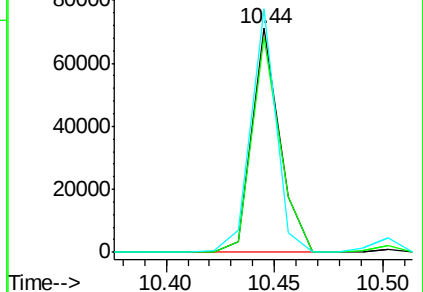
141 108.7 59.0 88.6#



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: 33.23 ng

RT: 10.50 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

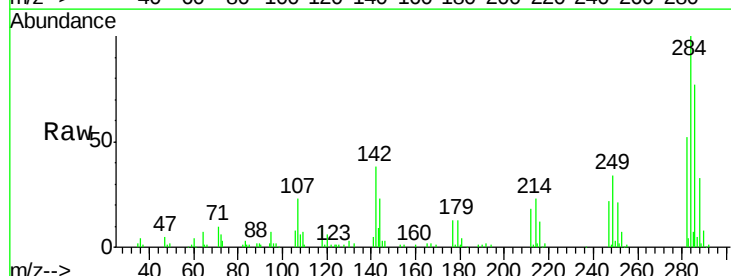
Tgt Ion:284 Resp: 70569

Ion Ratio Lower Upper

284 100

142 38.2 29.5 44.3

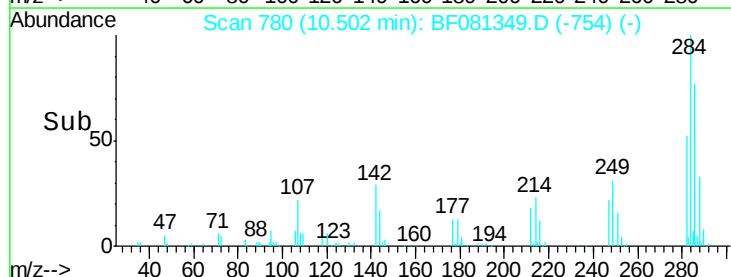
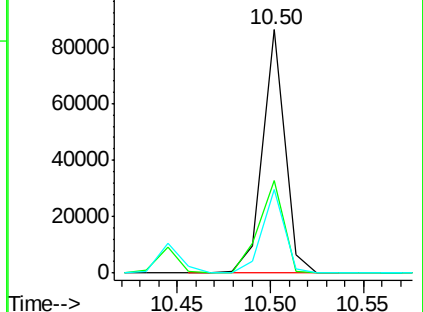
249 34.3 19.5 29.3#

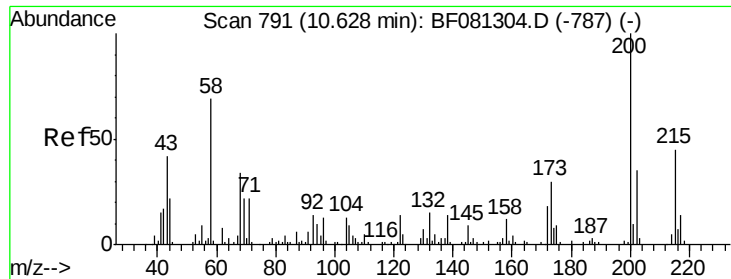


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

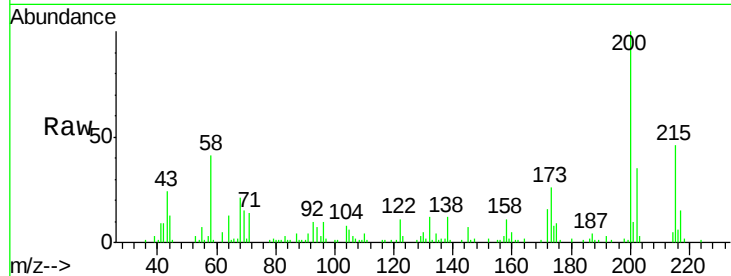




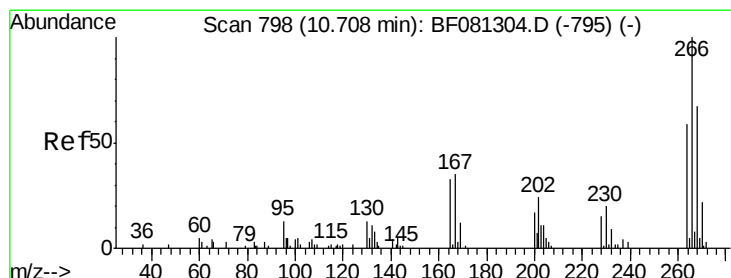
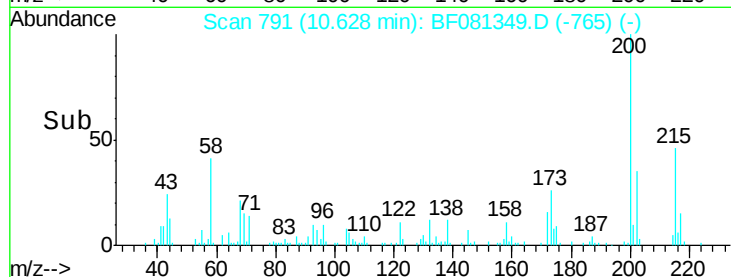
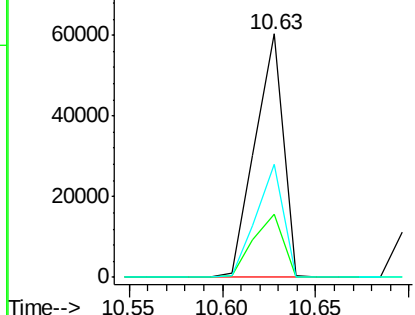
#68
Atrazine
Concen: 29.84 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

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

Tot Ion:200 Resp: 63113
Ion Ratio Lower Upper
200 100
173 26.0 13.2 53.2
215 46.5 41.8 81.8

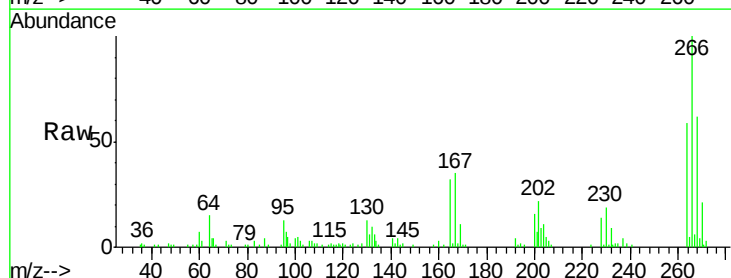


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

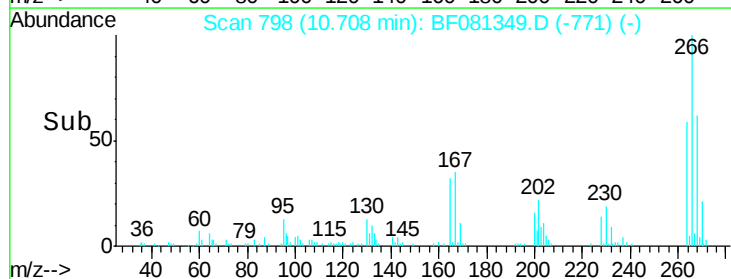
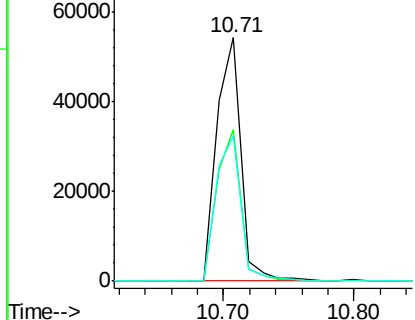


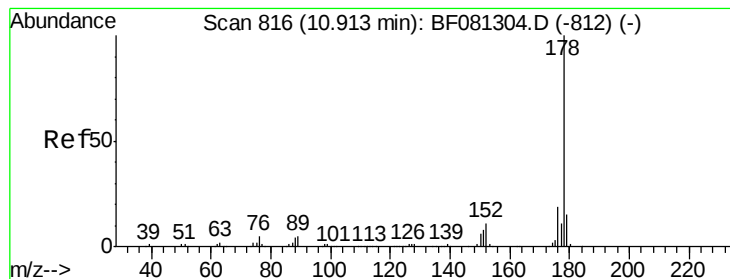
#69
Pentachlorophenol
Concen: 69.22 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:266 Resp: 70197
Ion Ratio Lower Upper
266 100
268 62.1 49.8 74.6
264 59.4 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: 30.81 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

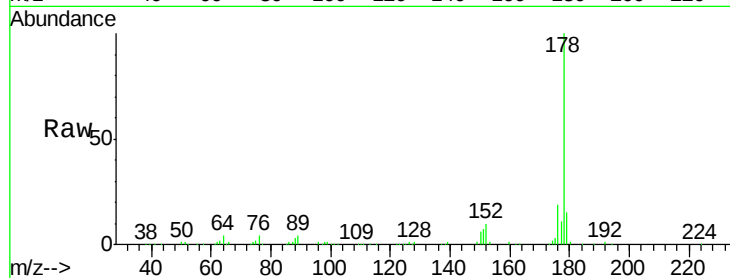
Tot Ion:178 Resp: 344111

Ion Ratio Lower Upper

178 100

176 19.0 13.8 20.8

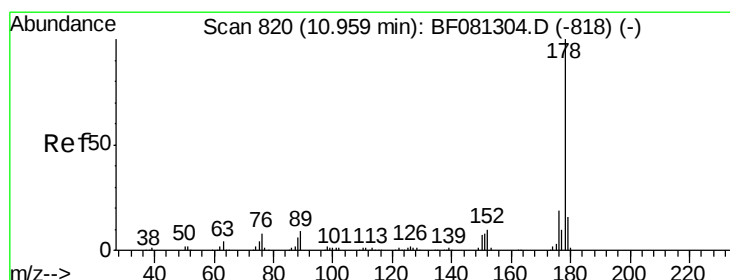
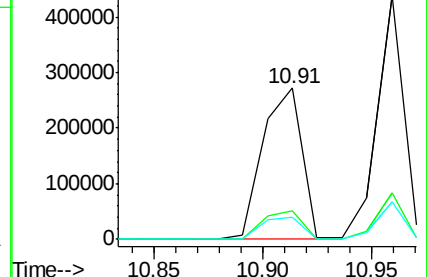
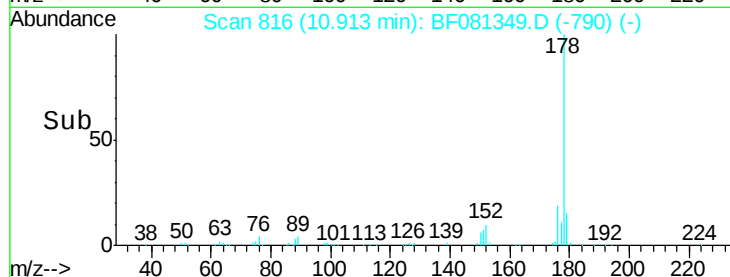
179 14.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 32.37 ng

RT: 10.96 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

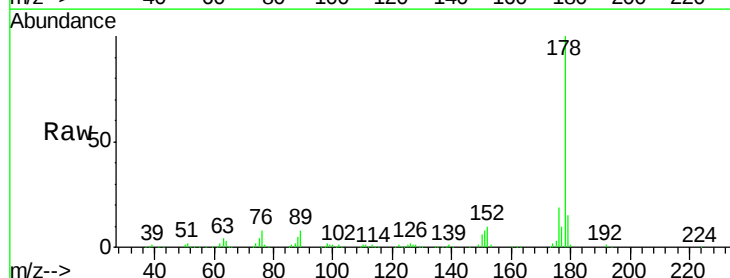
Tgt Ion:178 Resp: 371413

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

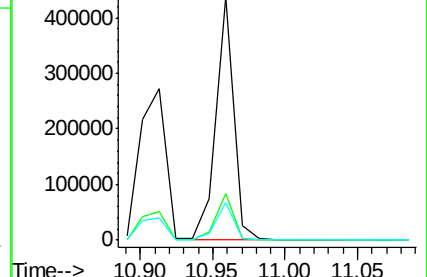
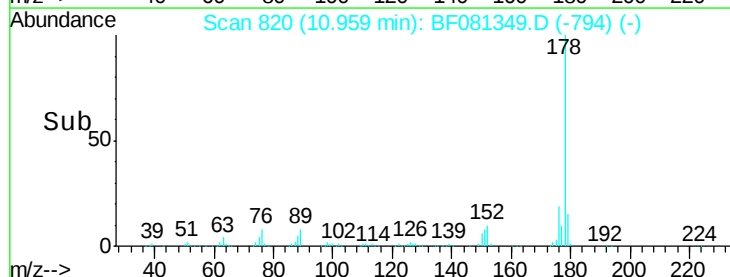
179 15.4 12.2 18.2

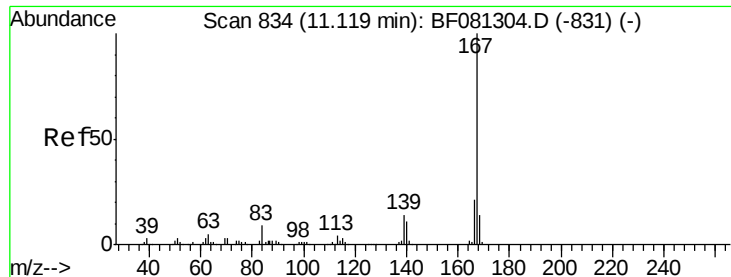


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

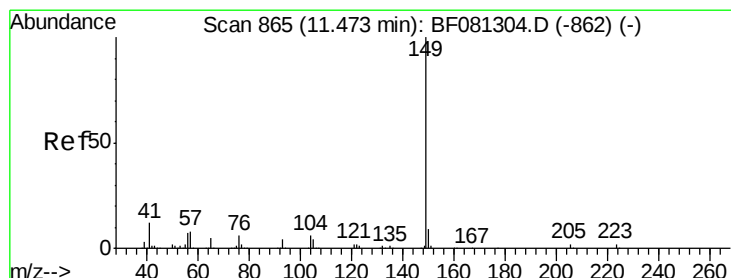
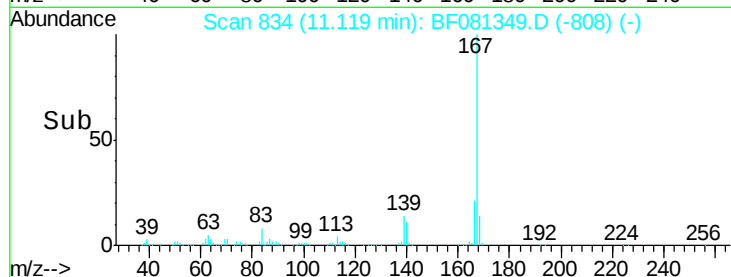
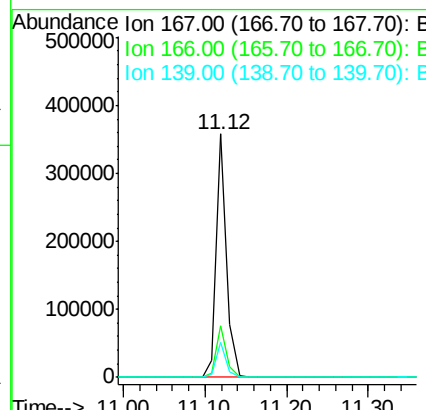
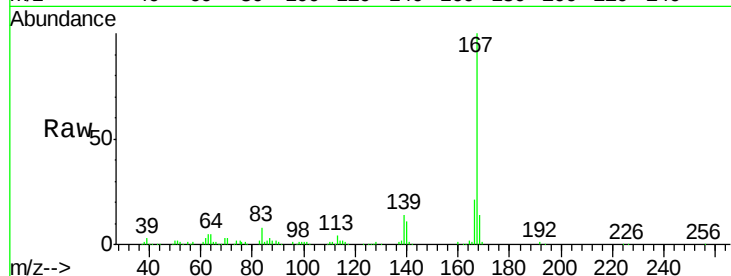




#72
 Carbazole
 Concen: 29.96 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

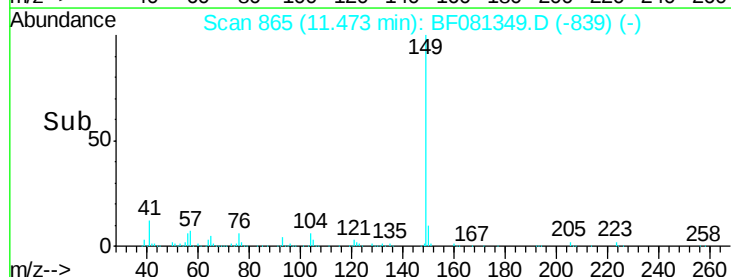
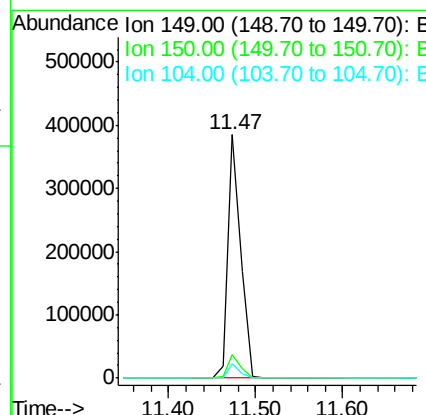
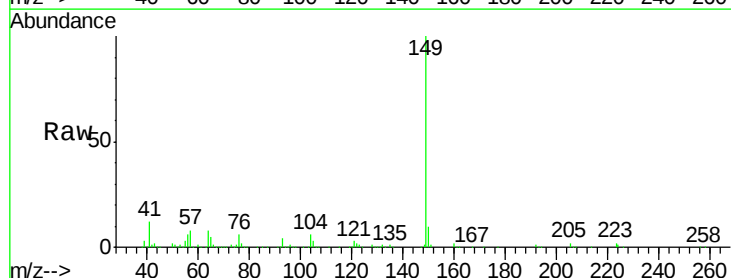
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

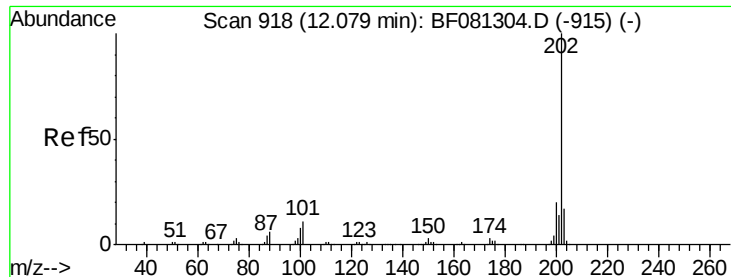
Tot Ion:167 Resp: 322643
 Ion Ratio Lower Upper
 167 100
 166 21.2 15.7 23.5
 139 14.3 9.5 14.3



#73
 Di-n-butylphthalate
 Concen: 31.30 ng
 RT: 11.47 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion:149 Resp: 397978
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 6.0 2.4 3.6#





#74

Fluoranthene

Concen: 30.03 ng

RT: 12.09 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

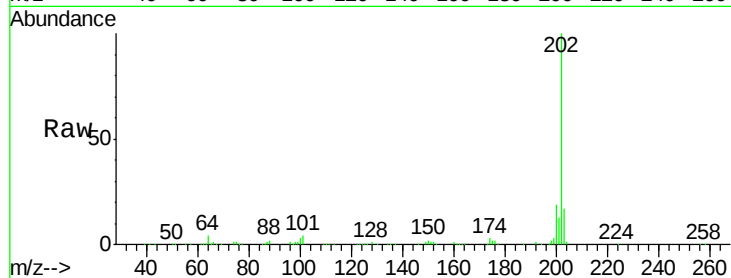
Tot Ion:202 Resp: 363132

Ion Ratio Lower Upper

202 100

101 4.2 0.0 38.3

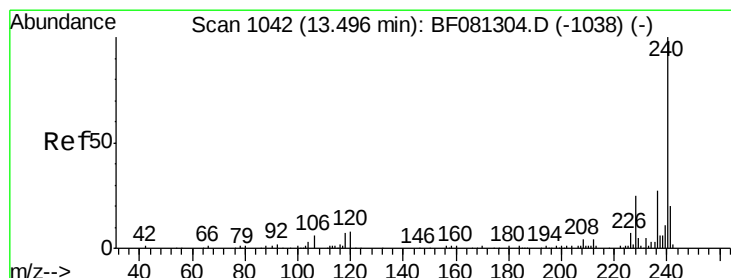
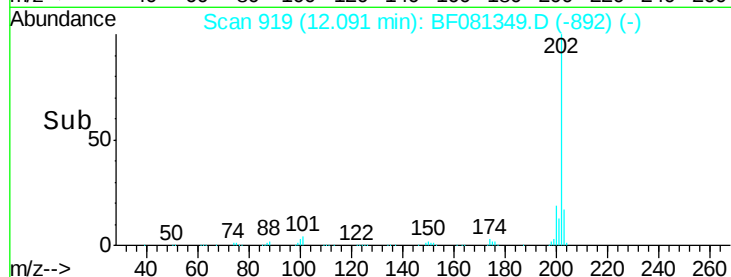
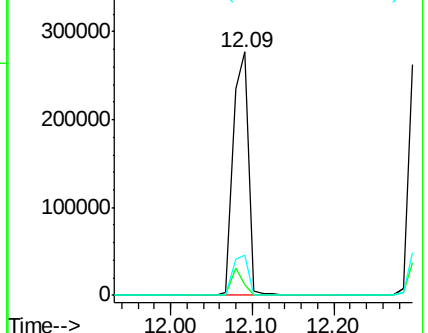
203 16.7 0.0 37.3



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: BF081349.D

Acq: 2 Sep 2015 15:29

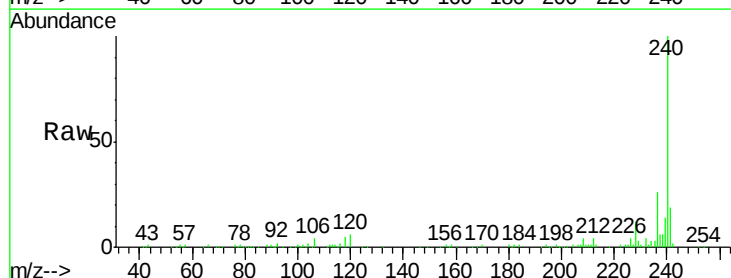
Tgt Ion:240 Resp: 159064

Ion Ratio Lower Upper

240 100

120 6.0 16.2 24.2#

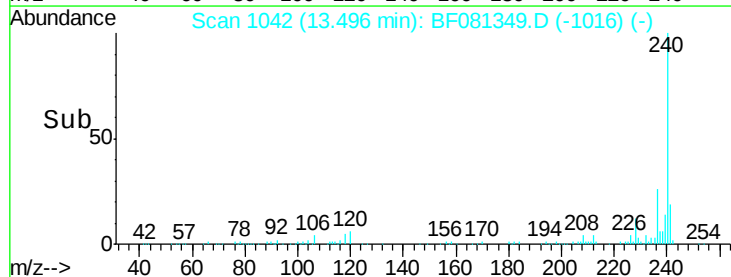
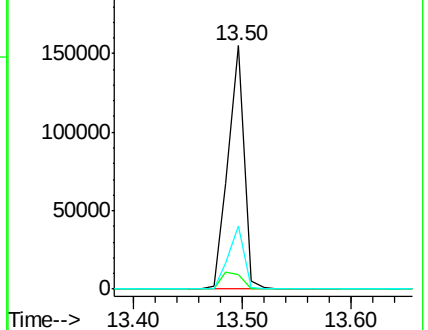
236 25.8 18.4 27.6

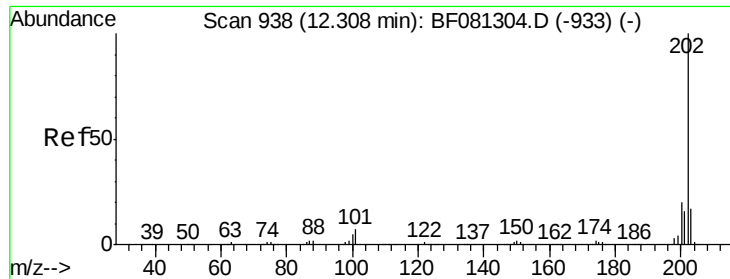


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

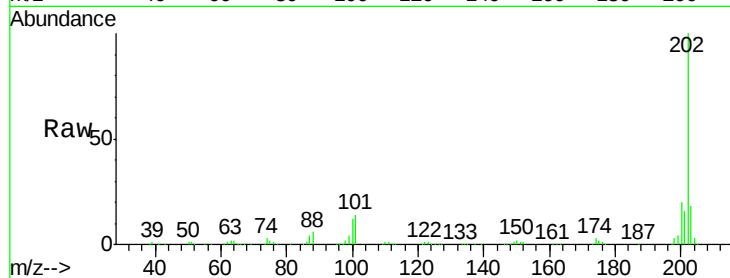




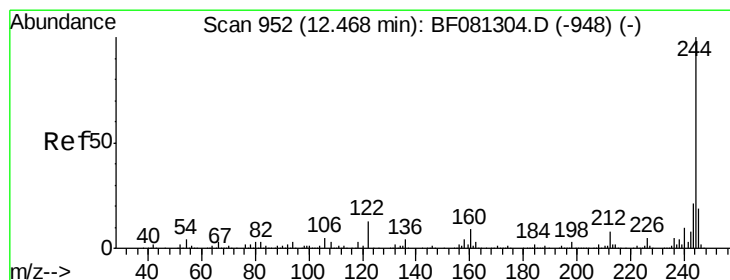
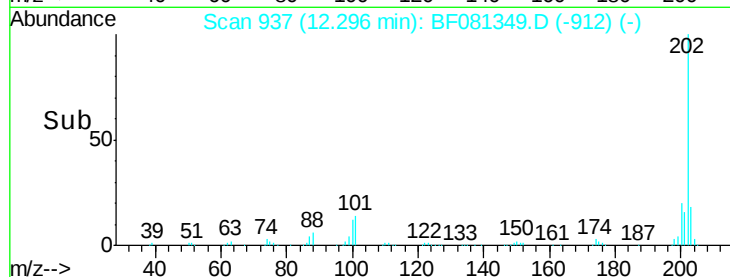
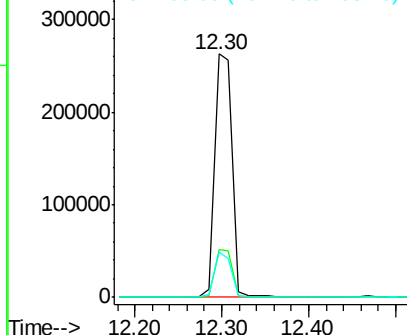
#77
Pvrene
Concen: 31.57 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

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

Tot Ion:202 Resp: 372014
Ion Ratio Lower Upper
202 100
200 19.7 15.0 22.4
203 18.5 14.1 21.1

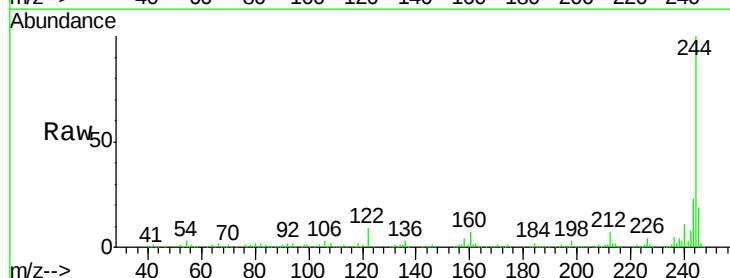


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

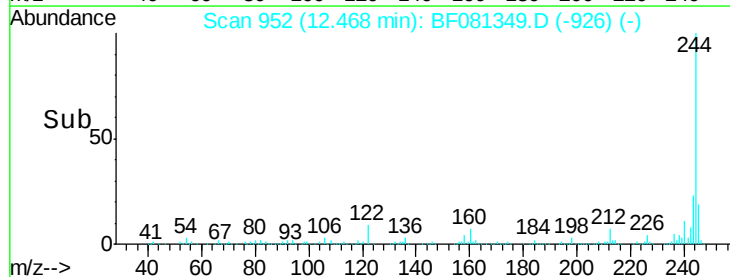
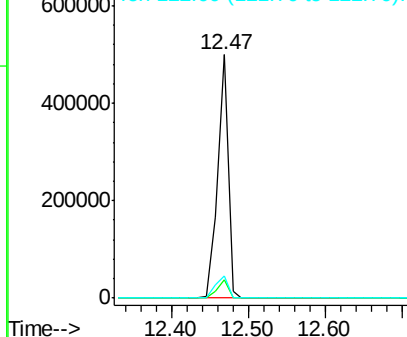


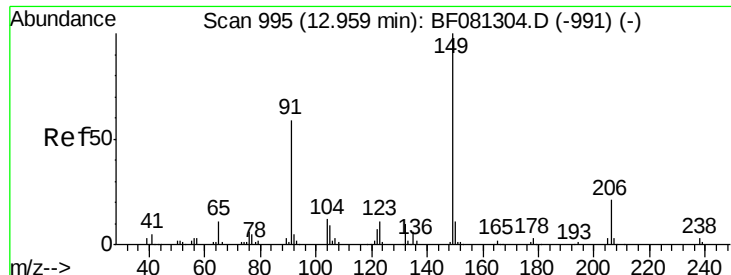
#78
Terphenyl-d14
Concen: 69.41 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:244 Resp: 474254
Ion Ratio Lower Upper
244 100
212 7.4 4.3 6.5#
122 9.2 17.4 26.2#



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

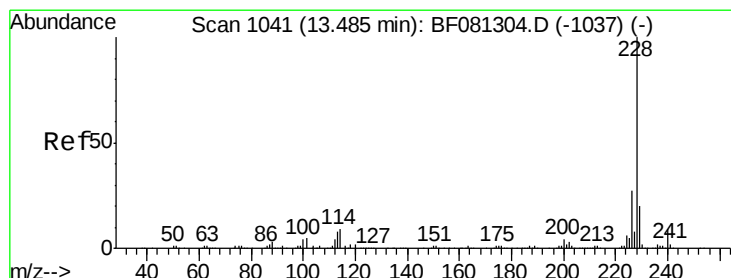
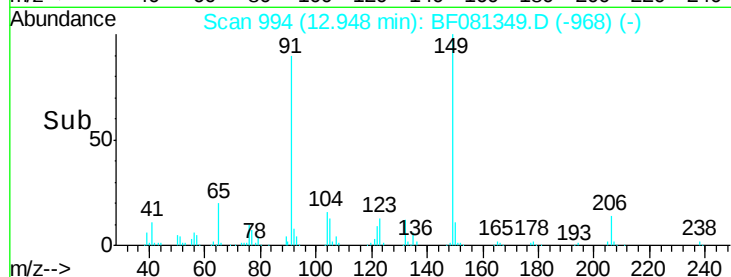
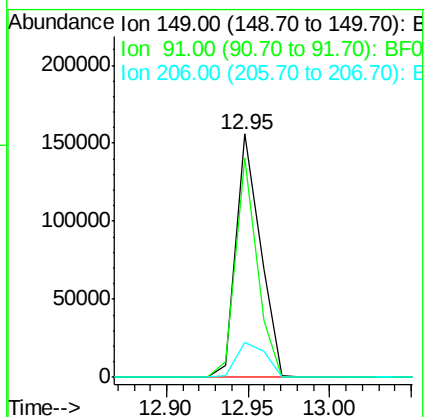
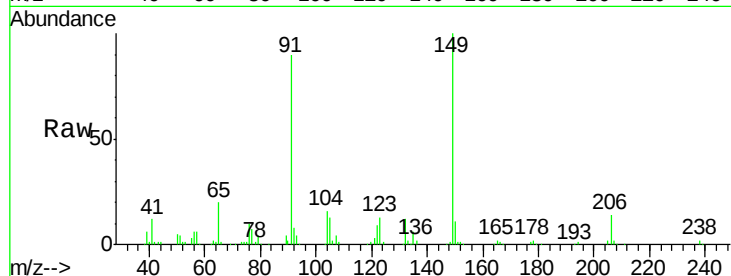




#79
Butylbenzylphthalate
Concen: 31.30 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

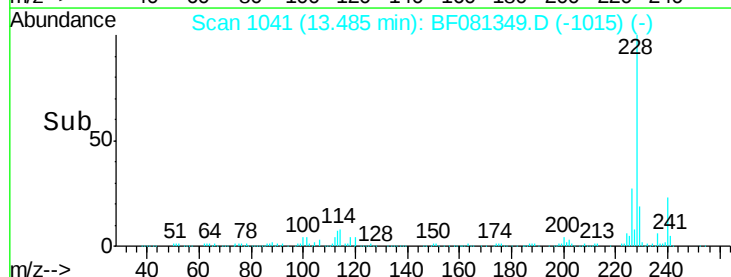
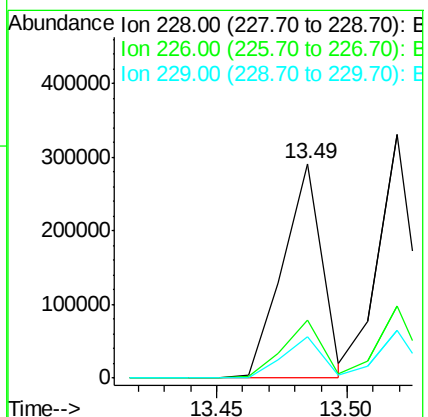
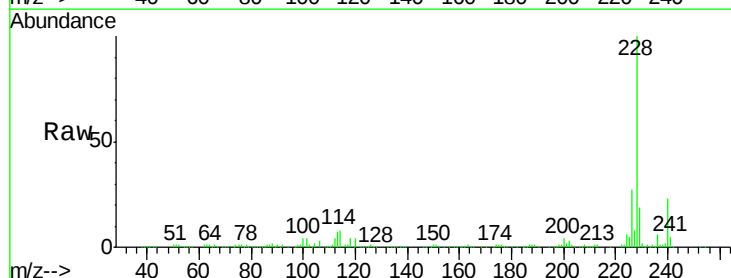
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

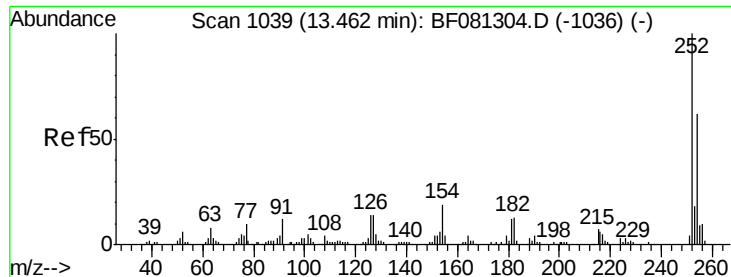
Tot Ion:149 Resp: 160411
Ion Ratio Lower Upper
149 100
91 89.8 48.6 72.8#
206 14.3 14.9 22.3#



#80
Benzo(a)anthracene
Concen: 30.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:228 Resp: 303877
Ion Ratio Lower Upper
228 100
226 27.3 20.0 30.0
229 19.5 15.4 23.2

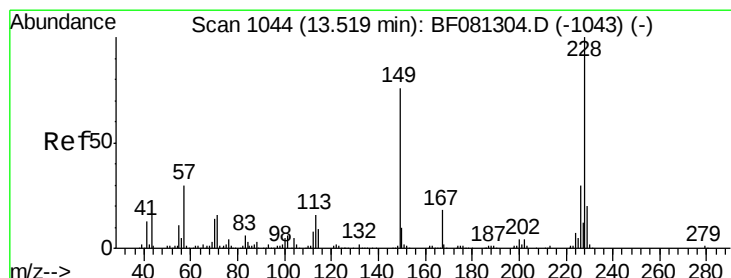
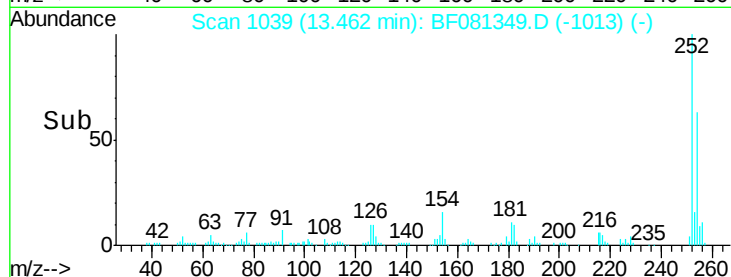
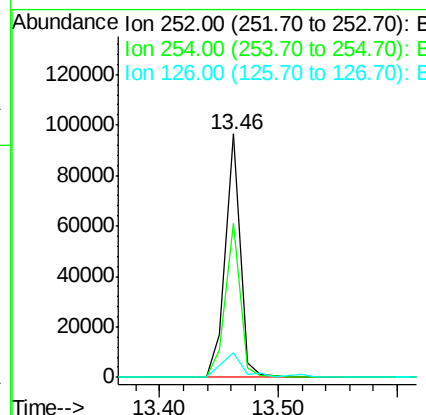
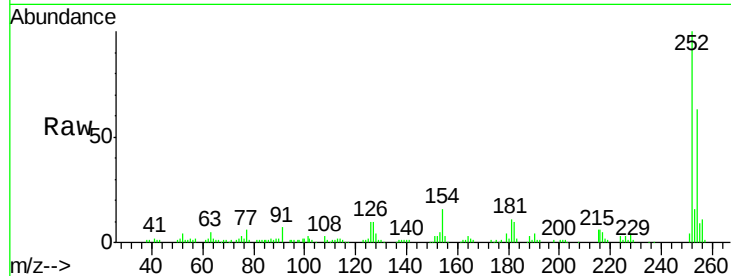




#81
 3,3'-Dichlorobenzidine
 Concen: 24.39 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

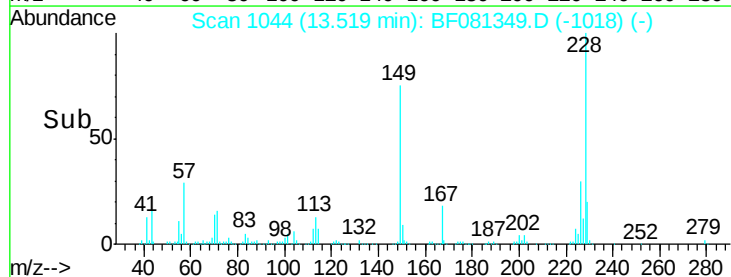
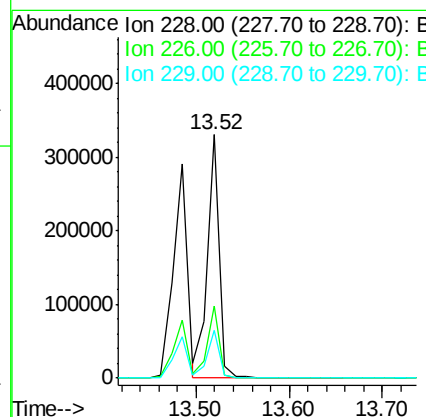
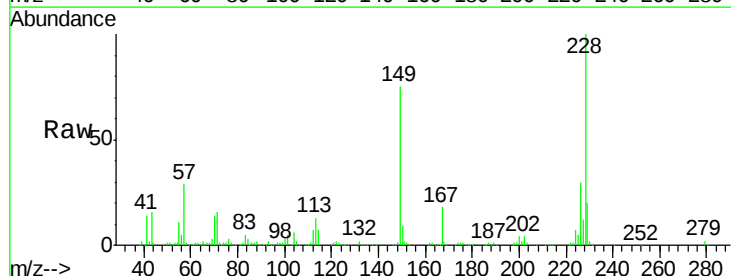
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

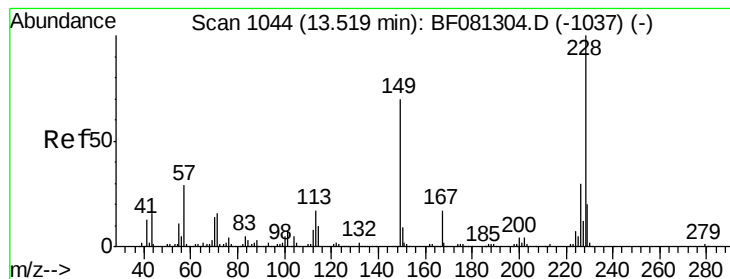
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.4	77.2
126	10.4	16.4	24.6



#82
 Chrysene
 Concen: 32.64 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	19.6	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.96 ng

RT: 13.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

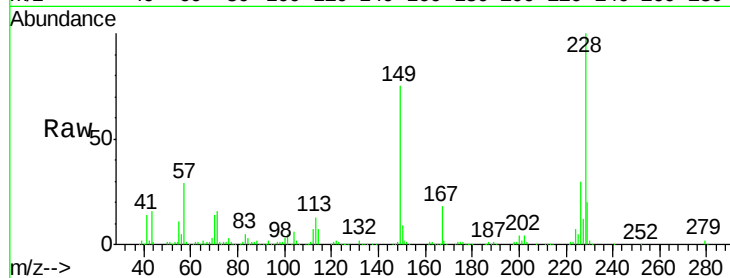
Tot Ion:149 Resp: 222905

Ion Ratio Lower Upper

149 100

167 24.7 24.2 36.2

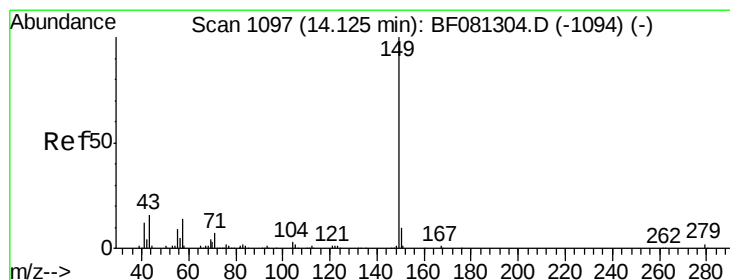
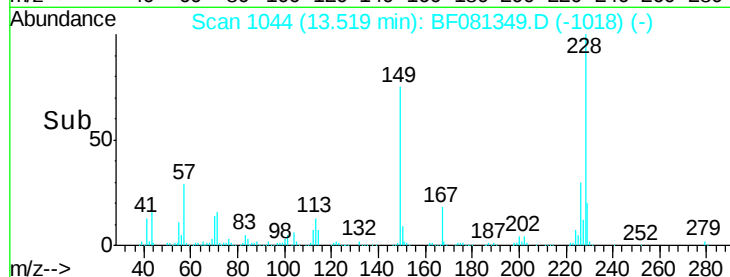
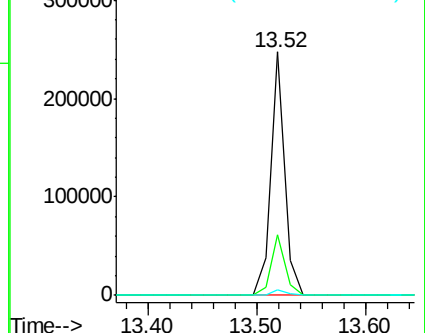
279 2.2 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.16 ng

RT: 14.13 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

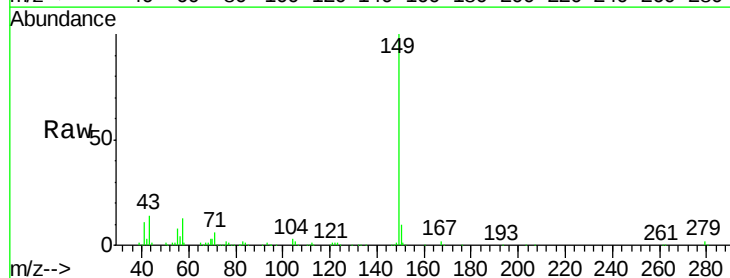
Tgt Ion:149 Resp: 358086

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

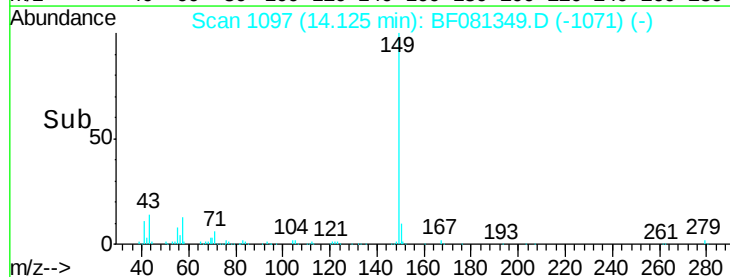
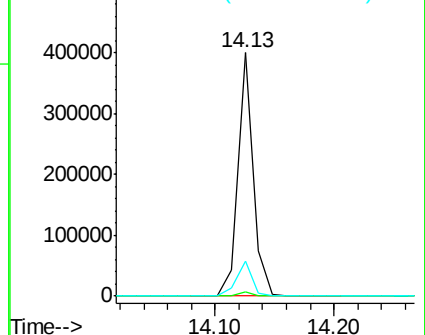
43 14.3 10.2 15.2

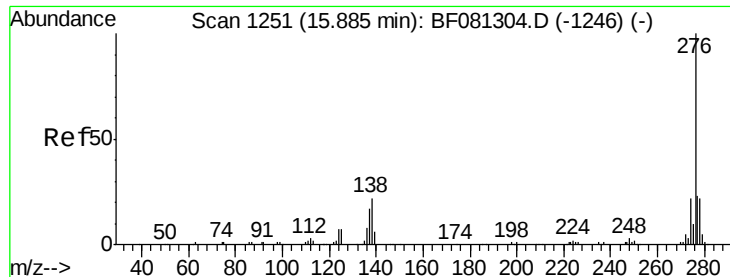


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

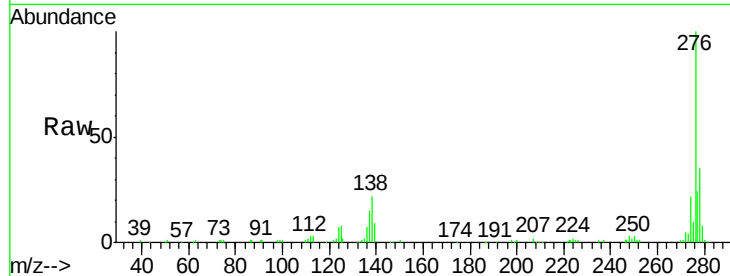




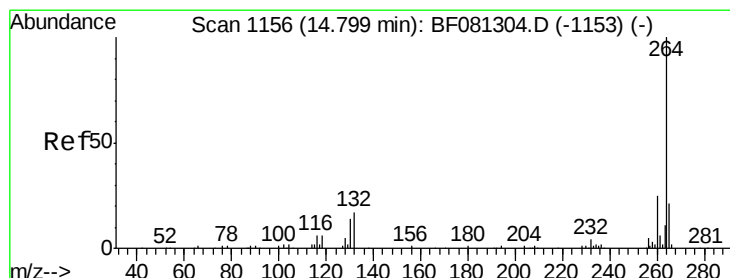
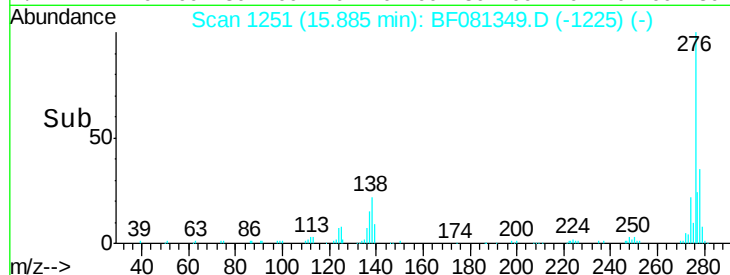
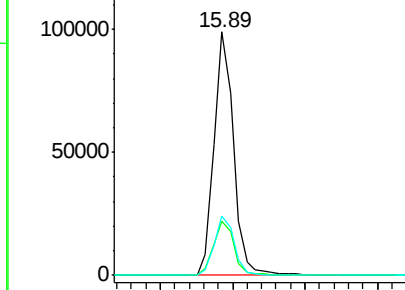
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.83 ng
RT: 15.89 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

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

Tot Ion:276 Resp: 185389
Ion Ratio Lower Upper
276 100
138 23.4 25.7 38.5#
277 24.7 15.6 23.4#

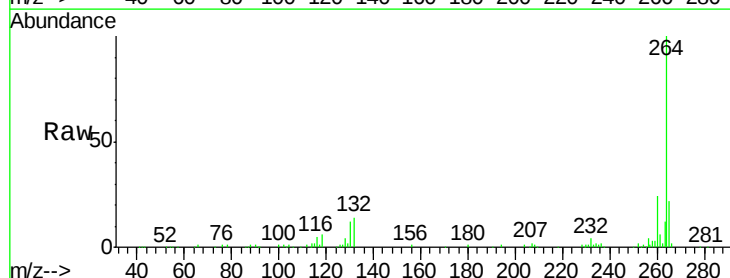


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

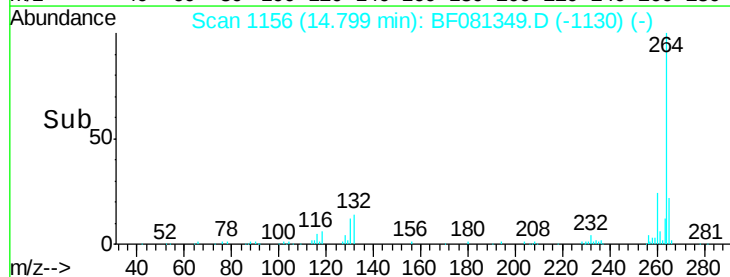
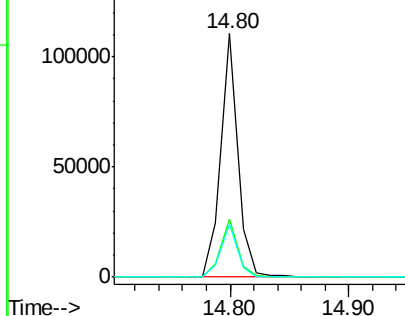


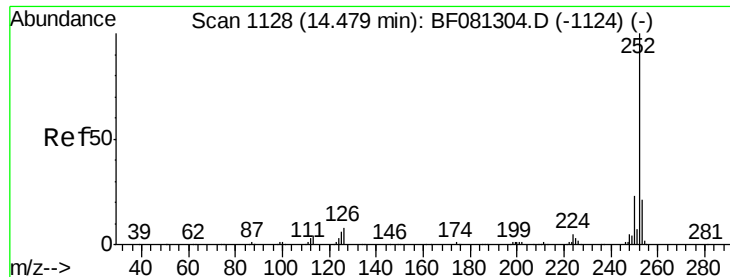
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion:264 Resp: 110730
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 54.07 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

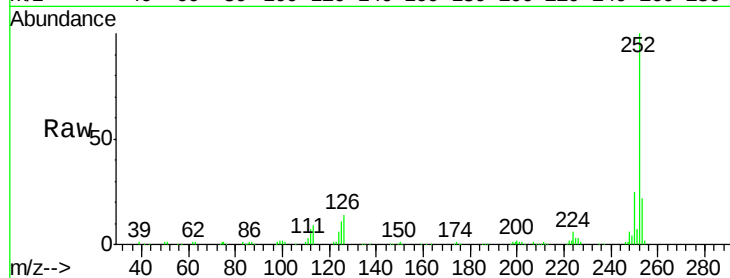
Tot Ion:252 Resp: 427468

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

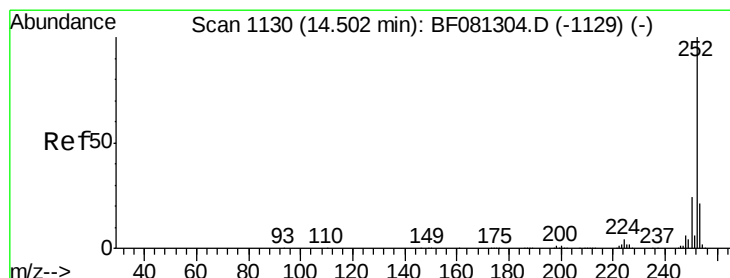
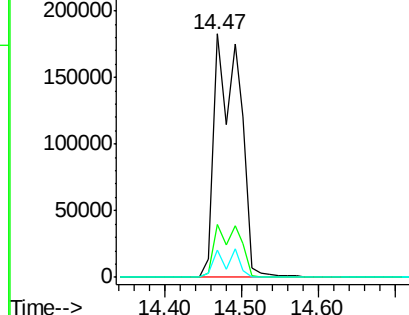
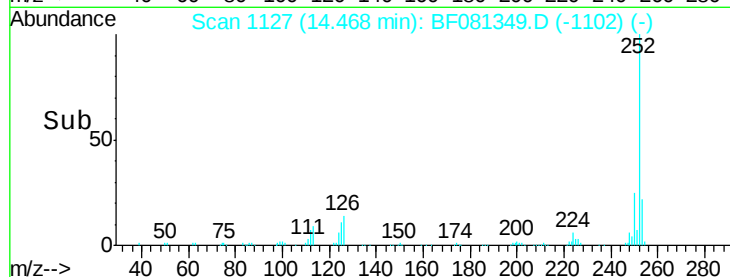
125 11.0 17.1 25.7#



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: 65.17 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

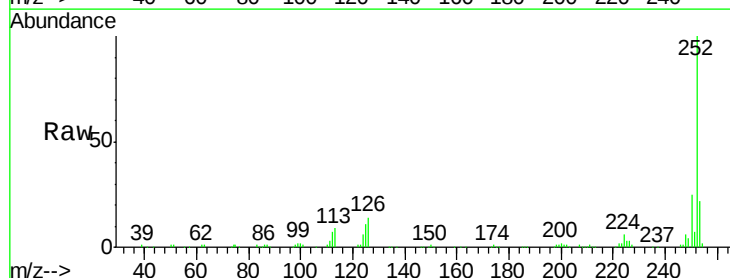
Tgt Ion:252 Resp: 427468

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

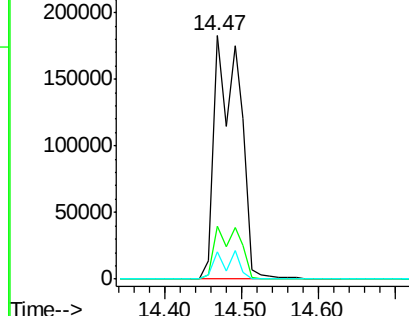
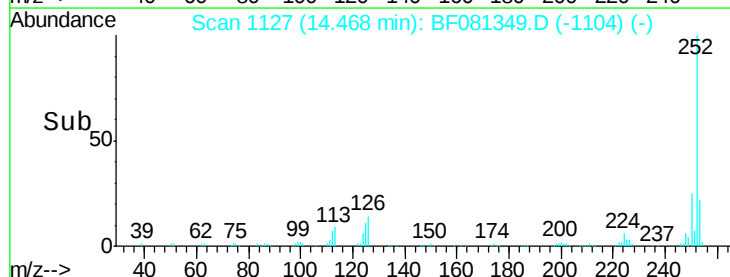
125 11.0 16.0 24.0#

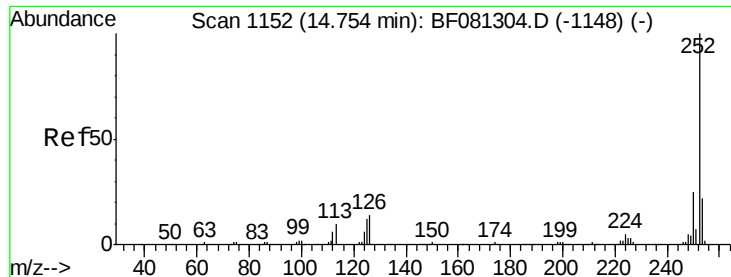


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.00 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

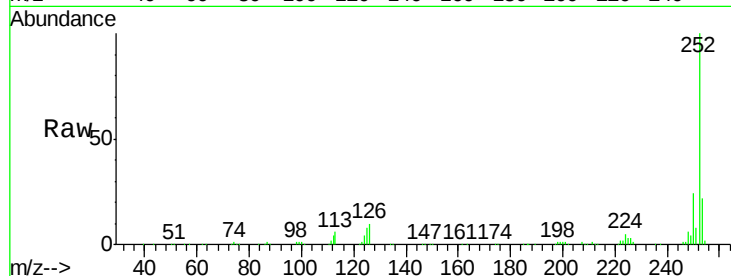
Tot Ion:252 Resp: 207649

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

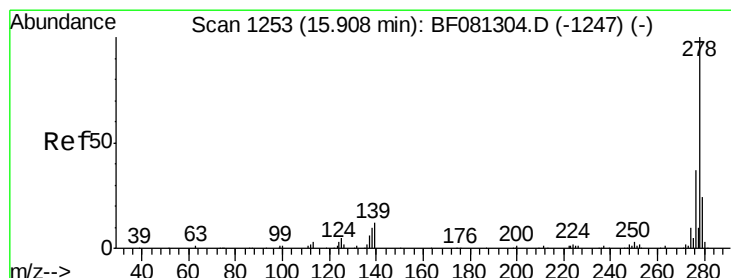
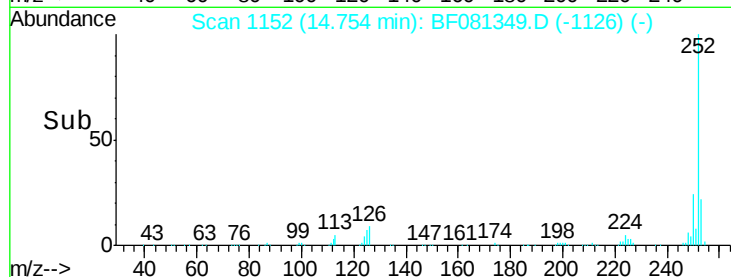
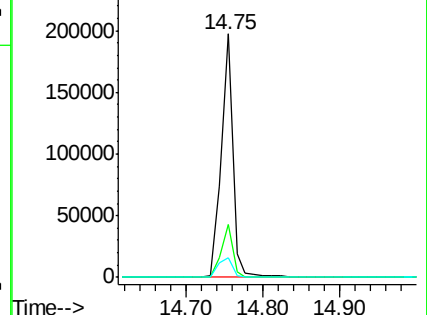
125 7.8 18.0 27.0#



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: 30.70 ng

RT: 15.90 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

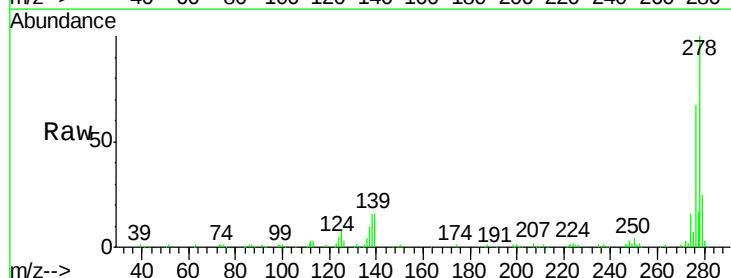
Tgt Ion:278 Resp: 158899

Ion Ratio Lower Upper

278 100

139 16.0 26.3 39.5#

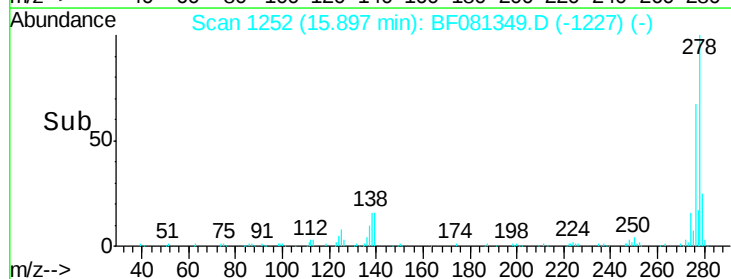
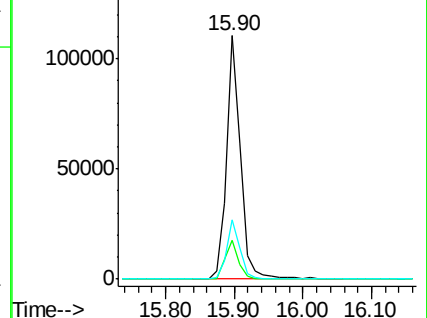
279 24.5 18.2 27.4

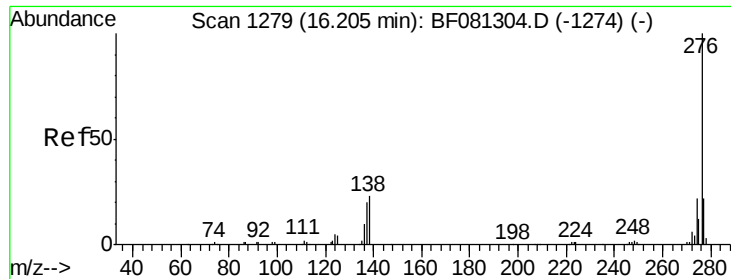


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

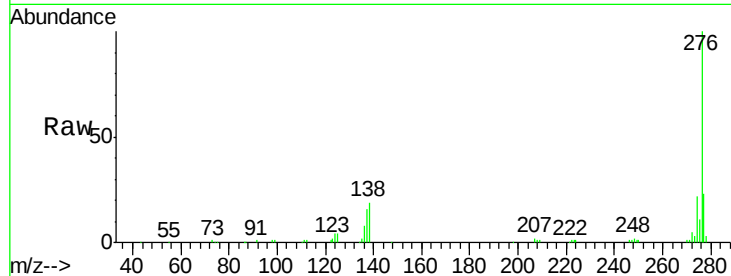




#91
 Benzo(a,h,i)perylene
 Concen: 30.36 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

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

Tot Ion: 276 Resp: 149976
 Ion Ratio Lower Upper
 276 100
 277 23.2 17.8 26.6
 138 18.7 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

