

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081275.D
 Acq On : 29 Aug 2015 17:20
 Operator : UM/IZ
 Sample : PB85281BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:06:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	58124	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	237346	20.00	ng	-0.06
38) Acenaphthene-d10	9.52	164	109221	20.00	ng	-0.06
63) Phenanthrene-d10	10.98	188	217373	20.00	ng	-0.06
75) Chrysene-d12	13.60	240	185004	20.00	ng	-0.06
86) Perylene-d12	14.92	264	146658	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	398097	103.02	ng	-0.05
7) Phenol-d6	6.14	99	541689	107.43	ng	-0.06
23) Nitrobenzene-d5	7.06	82	355935	68.51	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	94988	100.33	ng	-0.05
44) 2-Fluorobiphenyl	8.86	172	583397	69.99	ng	-0.05
78) Terphenyl-d14	12.56	244	520508	60.32	ng	-0.07

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.93	88	53871	29.58	ng	93
3) Pyridine	2.51	79	158525	30.84	ng	# 80
4) n-Nitrosodimethylamine	2.48	42	91256	31.89	ng	# 74
6) Aniline	6.15	93	146602	20.00	ng	# 12
8) 2-Chlorophenol	6.26	128	144602	34.19	ng	99
9) Benzaldehyde	6.02	77	25814	7.94	ng	90
10) Phenol	6.16	94	179977	30.22	ng	# 62
11) bis(2-Chloroethyl)ether	6.23	93	142772	31.25	ng	88
12) 1,3-Dichlorobenzene	6.42	146	152688	33.60	ng	95
13) 1,4-Dichlorobenzene	6.50	146	152611	33.91	ng	98
14) 1,2-Dichlorobenzene	6.65	146	141164	33.51	ng	96
15) Benzyl Alcohol	6.64	79	129336	31.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	303895	33.85	ng	97
17) 2-Methylphenol	6.77	107	121011	33.34	ng	97
18) Hexachloroethane	6.99	117	62202	34.21	ng	95
19) n-Nitroso-di-n-propylamine	6.91	70	121350	34.74	ng	93
20) 3+4-Methylphenols	6.93	107	157226	34.13	ng	# 45
22) Acetophenone	6.90	105	225061	36.12	ng	# 88
24) Nitrobenzene	7.07	77	164170	30.22	ng	96
25) Isophorone	7.33	82	316878	32.70	ng	95
26) 2-Nitrophenol	7.39	139	79425	35.16	ng	# 79
27) 2,4-Dimethylphenol	7.45	122	138470	34.65	ng	94
28) bis(2-Chloroethoxy)methane	7.54	93	184968	32.31	ng	100
29) 2,4-Dichlorophenol	7.63	162	113335	33.68	ng	# 85
30) 1,2,4-Trichlorobenzene	7.71	180	120413	32.20	ng	97
31) Naphthalene	7.79	128	454125	34.32	ng	99
32) Benzoic acid	7.60	122	94353	41.97	ng	92
33) 4-Chloroaniline	7.85	127	59506	10.66	ng	# 91
34) Hexachlorobutadiene	7.92	225	74485	35.22	ng	97
35) Caprolactam	8.23	113	24392	20.74	ng	# 86
36) 4-Chloro-3-methylphenol	8.35	107	146153	36.44	ng	97
37) 2-Methylnaphthalene	8.48	142	263956	31.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	115339	32.73	ng	# 98
40) Hexachlorocyclopentadiene	8.64	237	125128	68.60	ng	99

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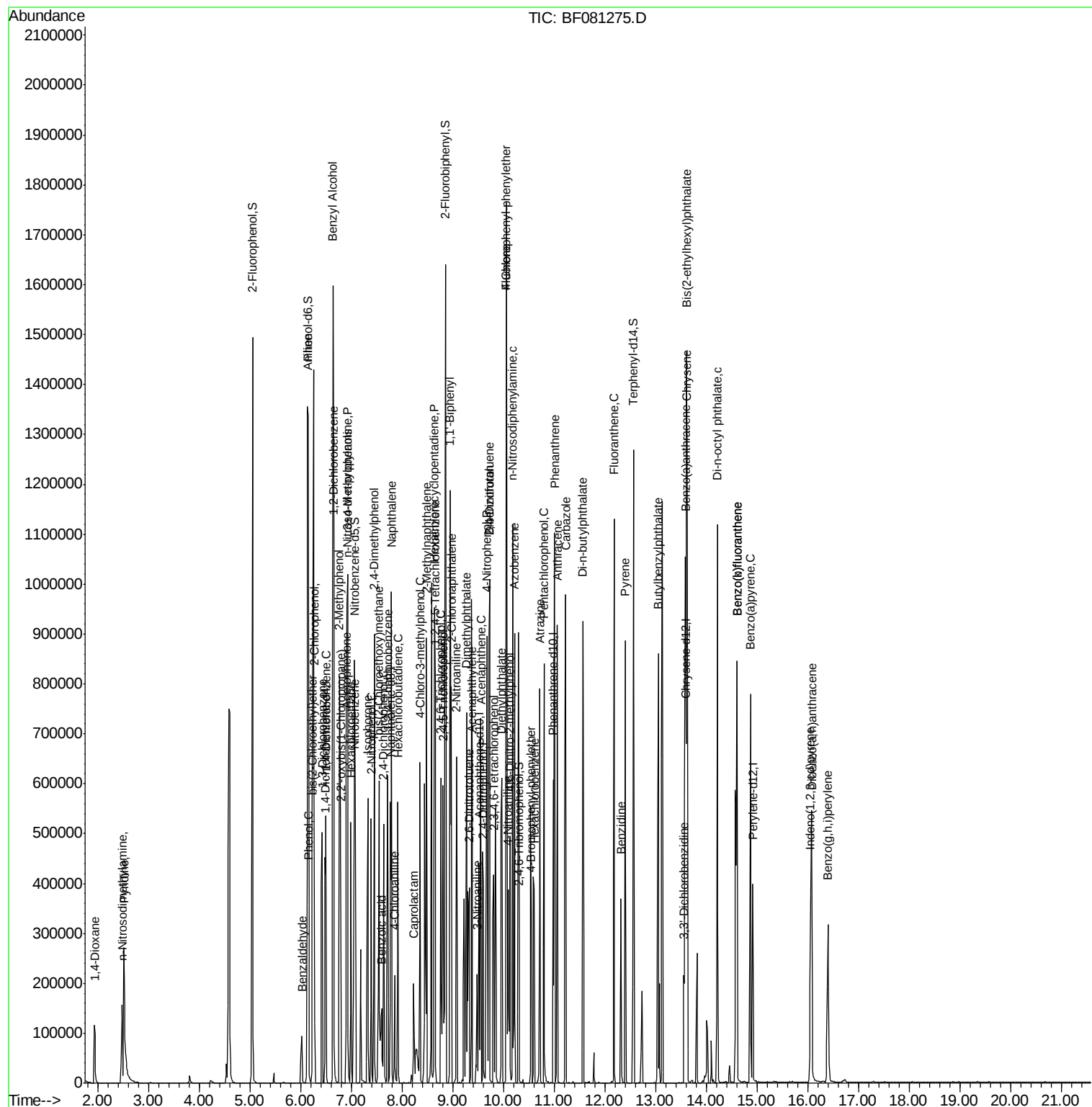
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	76177	30.60	nq	98
43) 2,4,5-Trichlorophenol	8.81	196	82616	33.20	nq	# 89
45) 1,1'-Biphenyl	8.95	154	318624	33.12	nq	97
46) 2-Chloronaphthalene	8.97	162	264518	34.23	nq	97
47) 2-Nitroaniline	9.07	65	117686	37.21	nq	89
48) Acenaphthylene	9.38	152	418550	30.27	nq	98
49) Dimethylphthalate	9.27	163	324837	36.11	nq	100
50) 2,6-Dinitrotoluene	9.33	165	70701	36.61	nq	# 78
51) Acenaphthene	9.55	154	246649	29.80	nq	99
52) 3-Nitroaniline	9.49	138	42714	17.67	nq	# 71
53) 2,4-Dinitrophenol	9.60	184	87116	80.61	nq	# 47
54) Dibenzofuran	9.73	168	364503	32.86	nq	98
55) 4-Nitrophenol	9.67	139	119306	70.29	nq	# 73
56) 2,4-Dinitrotoluene	9.73	165	91770	35.85	nq	# 90
57) Fluorene	10.06	166	255888	29.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	68027	35.33	nq	95
59) Diethylphthalate	9.97	149	332556	34.93	nq	# 94
60) 4-Chlorophenyl-phenylether	10.06	204	116275	32.20	nq	96
61) 4-Nitroaniline	10.09	138	74180	30.03	nq	92
62) Azobenzene	10.22	77	371966	33.90	nq	96
64) 4,6-Dinitro-2-methylphenol	10.13	198	49561	38.18	nq	# 80
65) n-Nitrosodiphenylamine	10.18	169	246033	31.71	nq	98
66) 4-Bromophenyl-phenylether	10.55	248	75019	35.13	nq	99
67) Hexachlorobenzene	10.61	284	79641	36.83	nq	# 85
68) Atrazine	10.72	200	85088	39.36	nq	99
69) Pentachlorophenol	10.80	266	86305	66.51	nq	100
70) Phenanthrene	11.01	178	370950	28.79	nq	99
71) Anthracene	11.06	178	448410	35.77	nq	98
72) Carbazole	11.22	167	448592	37.17	nq	99
73) Di-n-butylphthalate	11.57	149	482581	33.04	nq	98
74) Fluoranthene	12.18	202	487415	35.06	nq	95
76) Benzidine	12.32	184	194607	27.85	nq	99
77) Pyrene	12.40	202	447820	29.78	nq	99
79) Butylbenzylphthalate	13.05	149	242624	37.53	nq	90
80) Benzo(a)anthracene	13.59	228	406007	32.72	nq	100
81) 3,3'-Dichlorobenzidine	13.57	252	58875	14.65	nq	# 94
82) Chrysene	13.62	228	351238	31.41	nq	100
83) Bis(2-ethylhexyl)phthalate	13.61	149	300600	36.30	nq	# 98
84) Di-n-octyl phthalate	14.22	149	527074	41.88	nq	98
85) Indeno(1,2,3-cd)pyrene	16.06	276	297334	37.88	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	704492	67.91	nq	98
88) Benzo(k)fluoranthene	14.61	252	704492	72.88	nq	# 96
89) Benzo(a)pyrene	14.87	252	325529	36.01	nq	# 97
90) Dibenzo(a,h)anthracene	16.08	278	247734	35.17	nq	# 97
91) Benzo(g,h,i)perylene	16.40	276	238049	33.31	nq	# 89

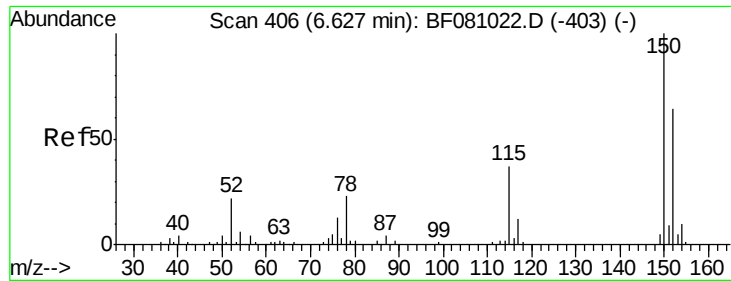
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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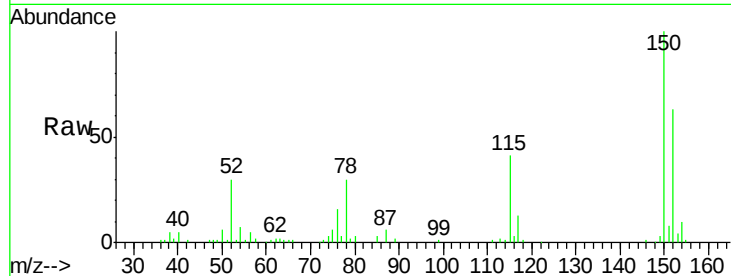


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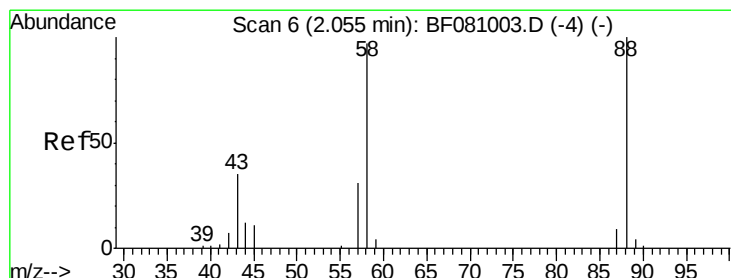
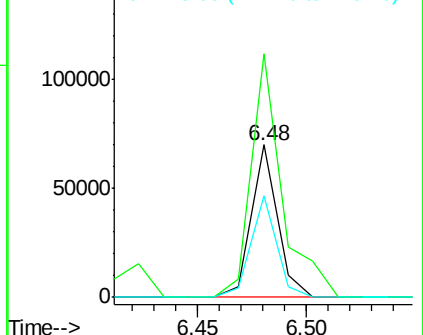
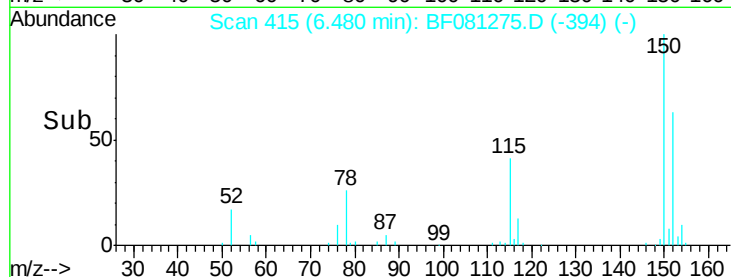
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58124
Ion Ratio Lower Upper
152 100
150 159.7 123.8 185.6
115 66.3 52.1 78.1



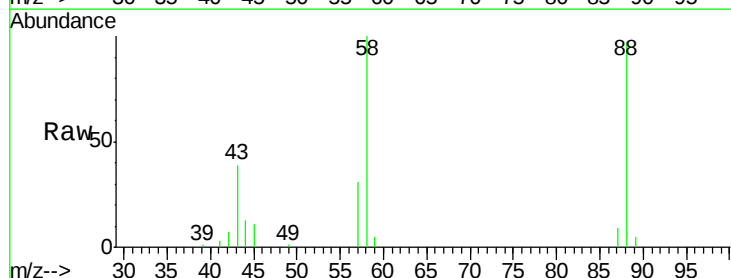
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



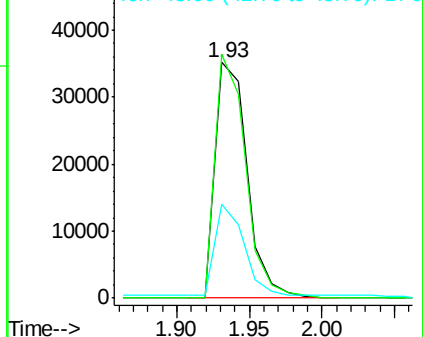
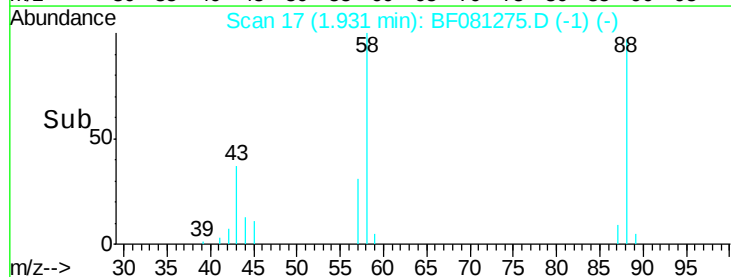
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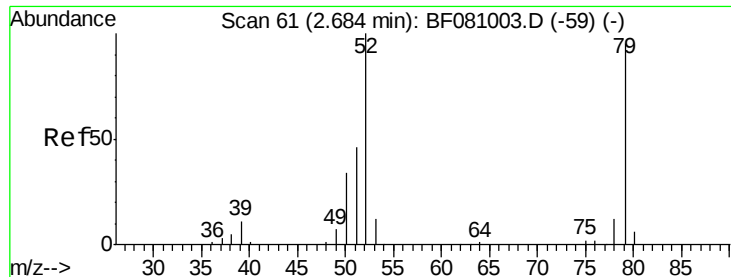
1,4-Dioxane
Concen: 29.58 ng
RT: 1.93 min Scan# 17
Delta R.T. -0.00 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion: 88 Resp: 53871
Ion Ratio Lower Upper
88 100
58 98.0 83.7 125.5
43 41.8 37.5 56.3



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

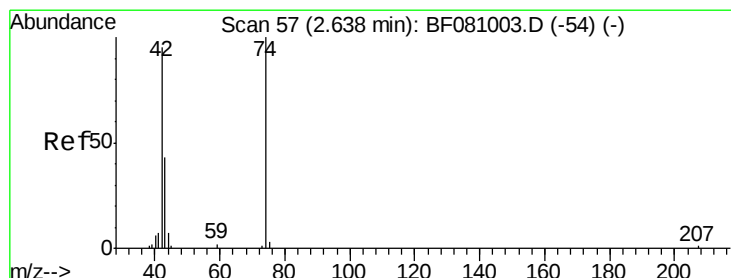
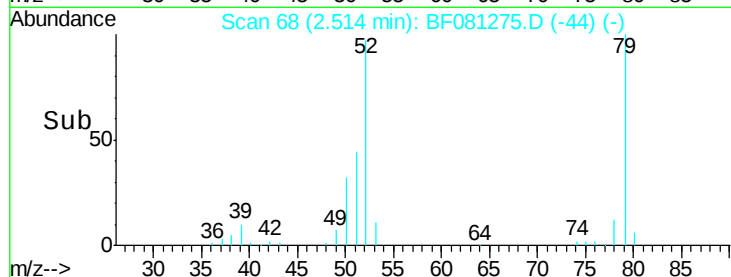
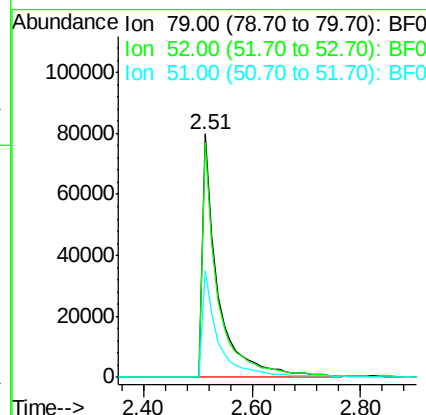
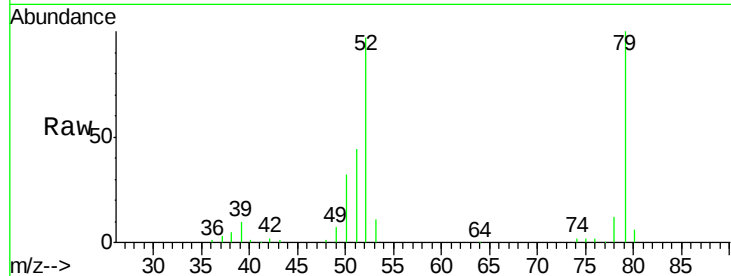




#3
 Pvridine
 Concen: 30.84 ng
 RT: 2.51 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

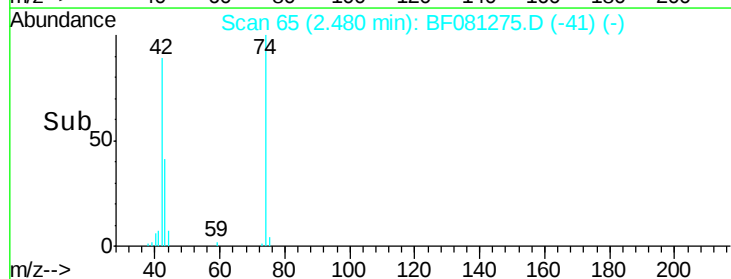
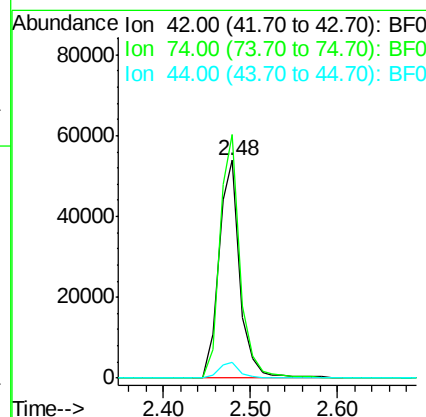
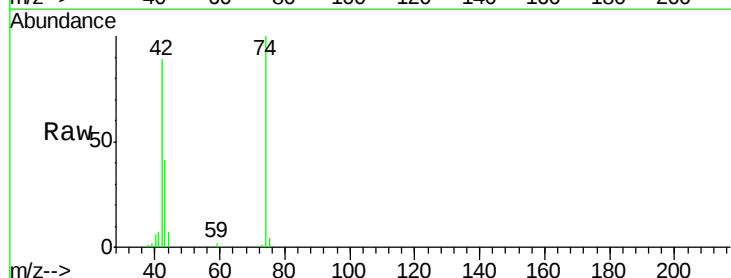
Instrument :
 BNA_F
 ClientSampleId :

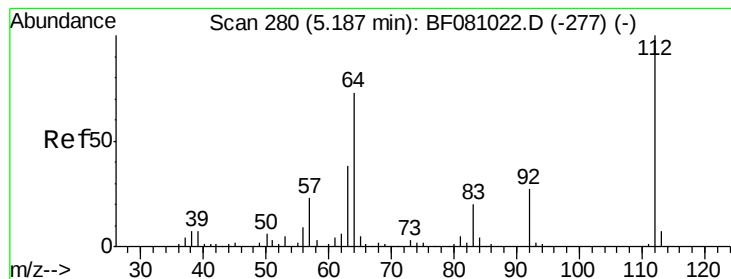
Tot Ion: 79 Resp: 158525
 Ion Ratio Lower Upper
 79 100
 52 96.6 95.1 142.7
 51 43.6 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 31.89 ng
 RT: 2.48 min Scan# 65
 Delta R.T. -0.02 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion: 42 Resp: 91256
 Ion Ratio Lower Upper
 42 100
 74 111.9 69.3 103.9#
 44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 103.02 ng

RT: 5.05 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF081275.D

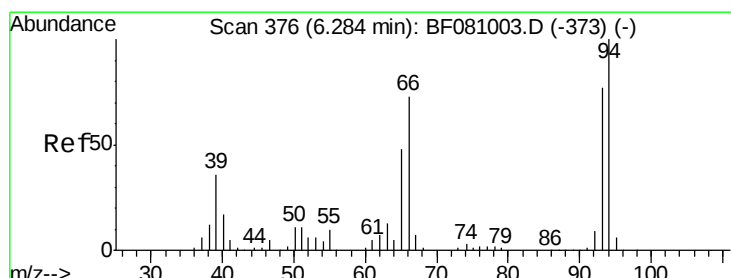
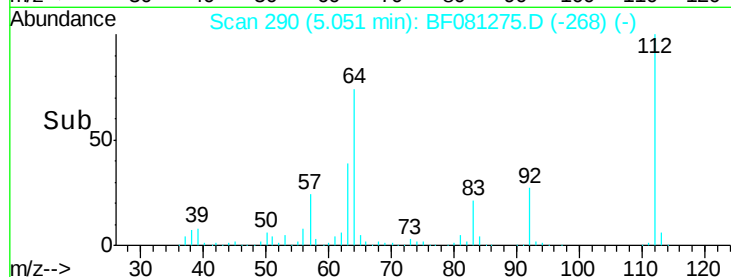
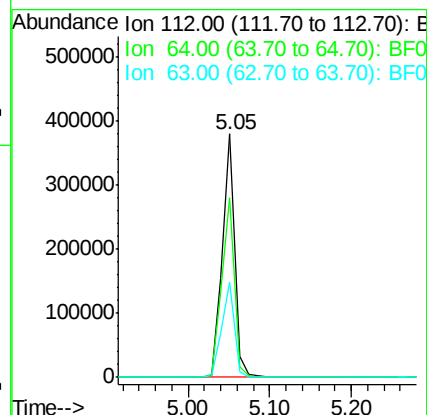
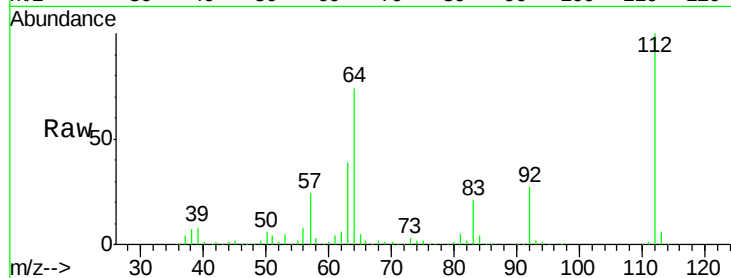
Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	398097
Ion	Ratio	Lower	Upper
112	100		
64	73.5	66.9	100.3
63	39.2	38.1	57.1



#6

Aniline

Concen: 20.00 ng

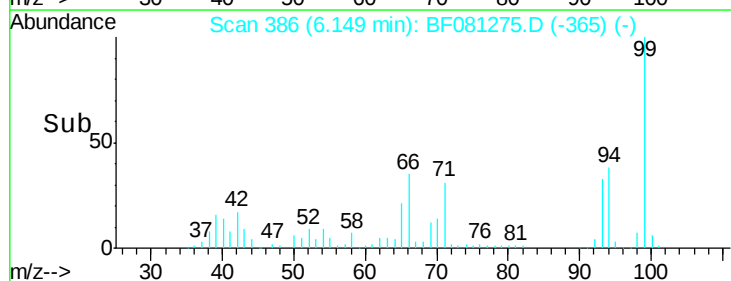
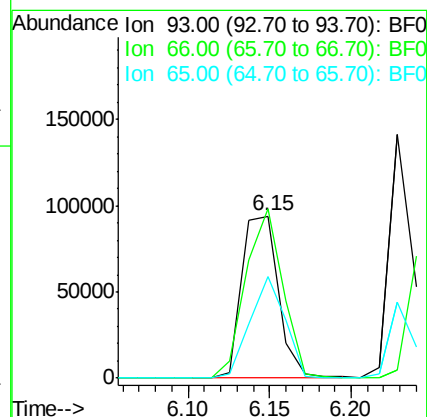
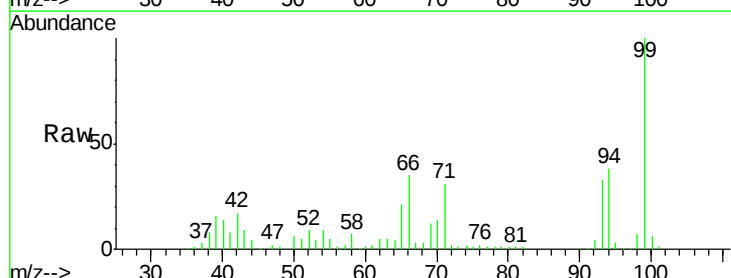
RT: 6.15 min Scan# 386

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Tgt Ion:	93	Resp:	146602
Ion	Ratio	Lower	Upper
93	100		
66	104.6	35.6	53.4#
65	62.9	18.7	28.1#





#7

Phenol-d6

Concen: 107.43 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

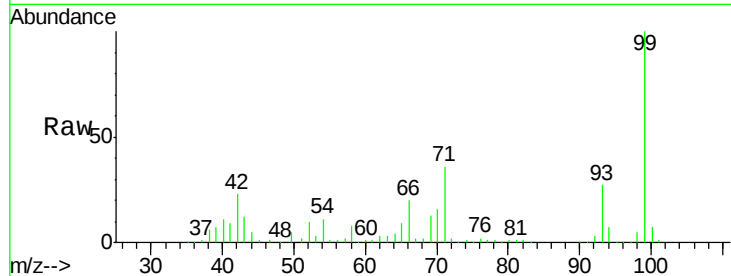
Tot Ion: 99 Resp: 541689

Ion Ratio Lower Upper

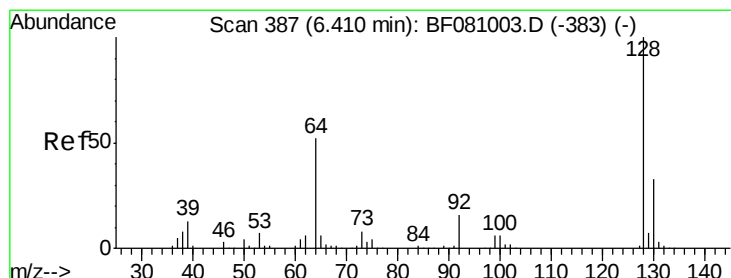
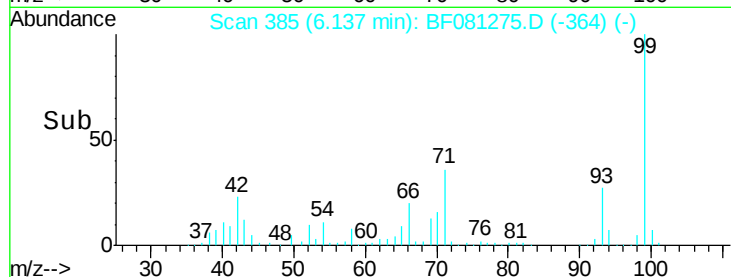
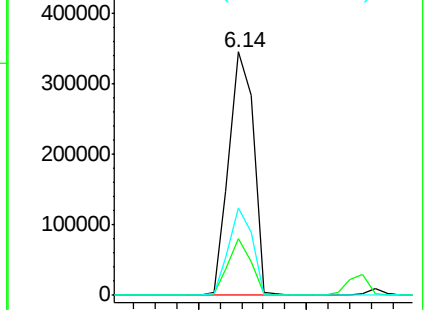
99 100

42 23.1 19.6 29.4

71 36.0 31.2 46.8



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



#8

2-Chlorophenol

Concen: 34.19 ng

RT: 6.26 min Scan# 396

Delta R.T. -0.06 min

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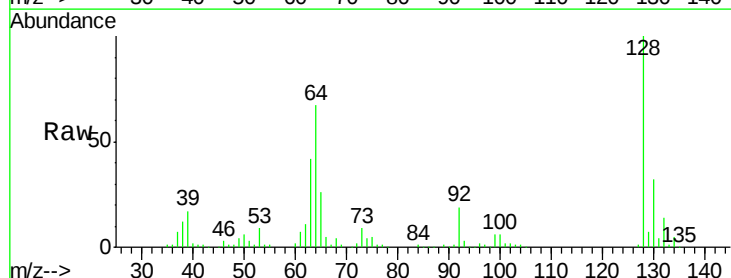
Tgt Ion: 128 Resp: 144602

Ion Ratio Lower Upper

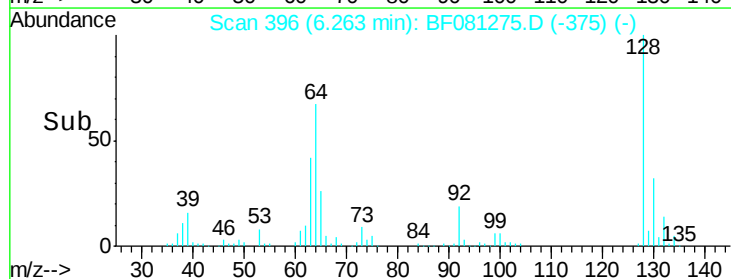
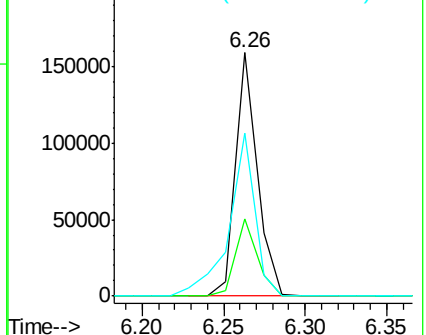
128 100

130 31.7 12.5 52.5

64 67.0 46.8 86.8



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

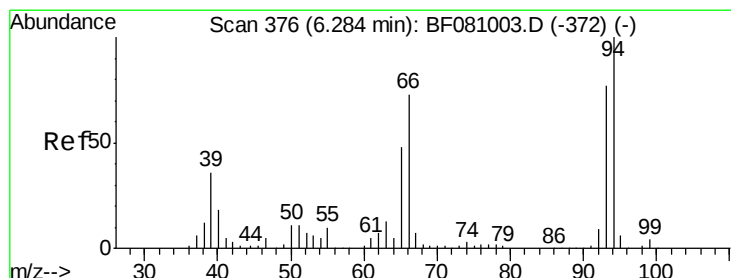
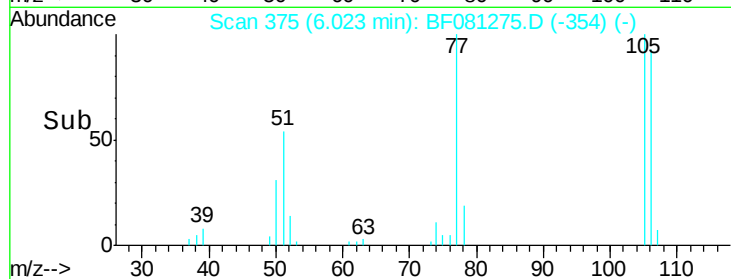
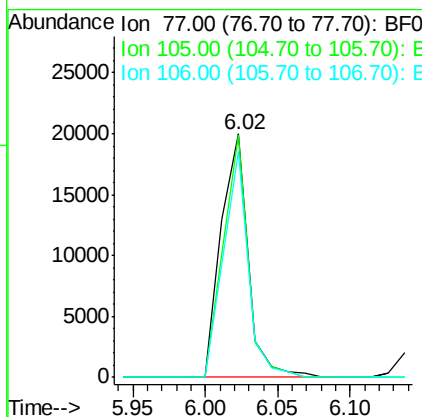
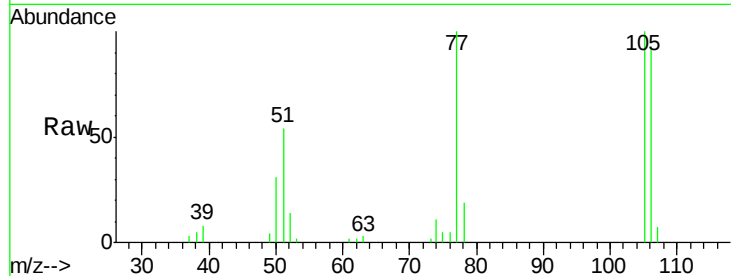




#9
Benzaldehyde
Concen: 7.94 ng
RT: 6.02 min Scan# 375
Delta R.T. -0.06 min
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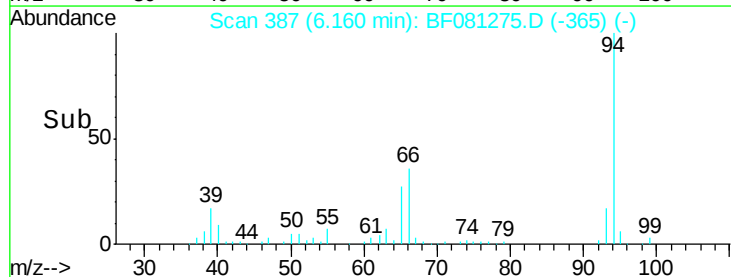
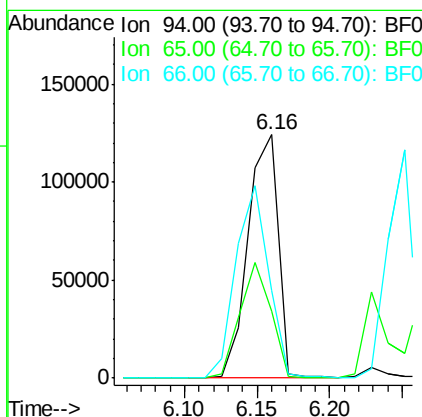
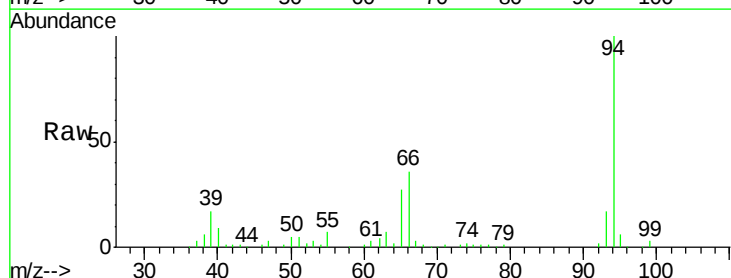
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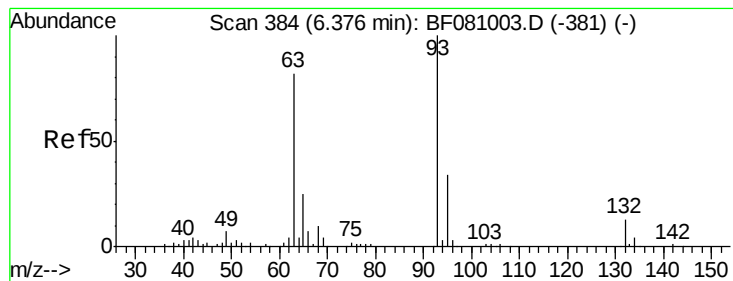
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Ion Ratio Lower Upper
77 100
105 99.7 69.6 109.6
106 92.6 64.0 104.0



#10
Phenol
Concen: 30.22 ng
RT: 6.16 min Scan# 387
Delta R.T. -0.05 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion: 94 Resp: 179977
Ion Ratio Lower Upper
94 100
65 27.4 28.4 68.4#
66 36.1 52.3 92.3#





#11

bis(2-Chloroethyl)ether

Concen: 31.25 ng

RT: 6.23 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

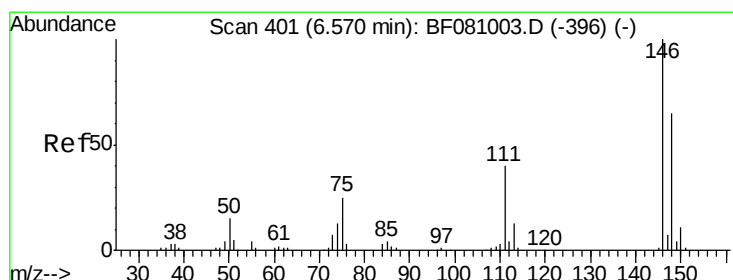
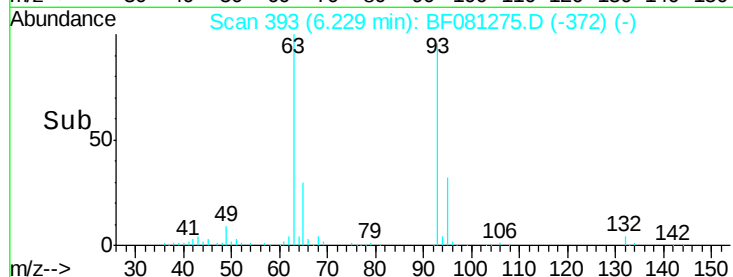
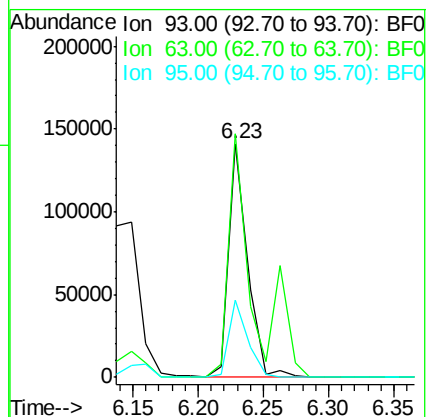
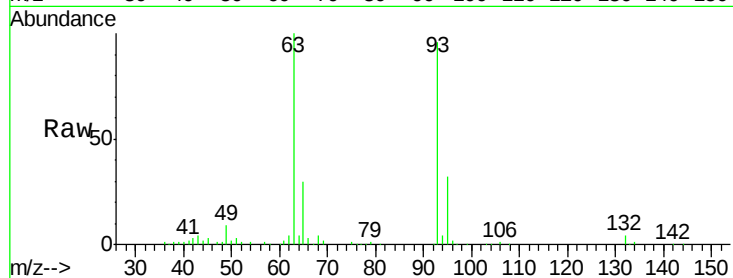
Tot Ion: 93 Resp: 142772

Ion Ratio Lower Upper

93 100

63 104.1 69.6 109.6

95 33.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 33.60 ng

RT: 6.42 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

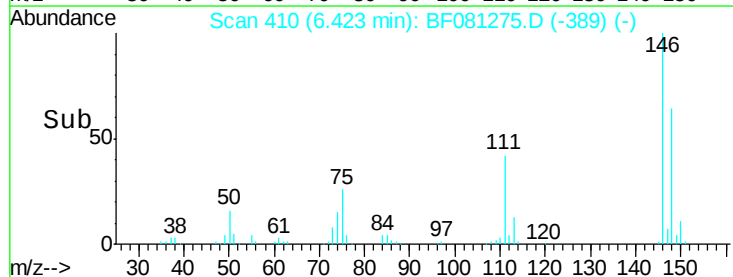
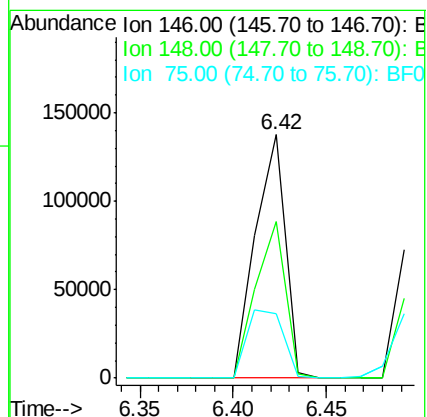
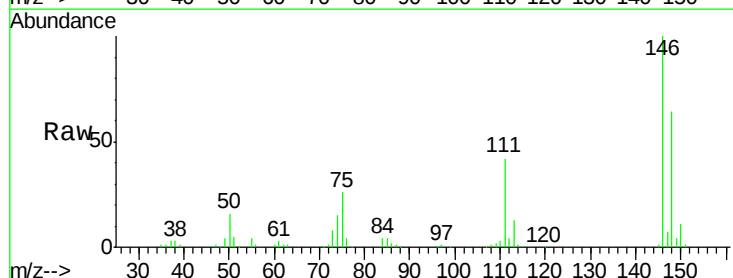
Tgt Ion: 146 Resp: 152688

Ion Ratio Lower Upper

146 100

148 64.1 53.3 79.9

75 26.3 25.0 37.6

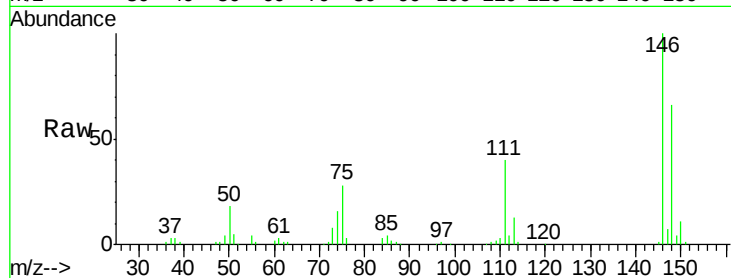




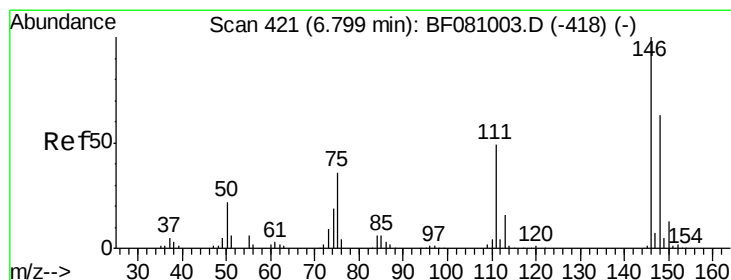
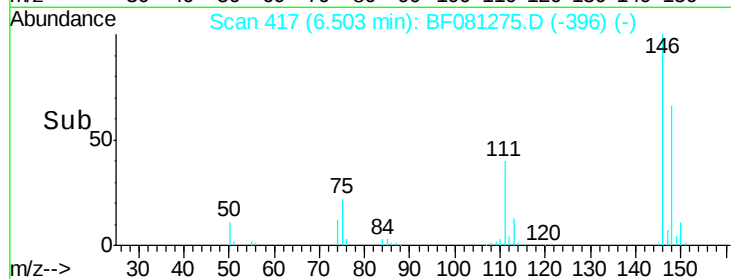
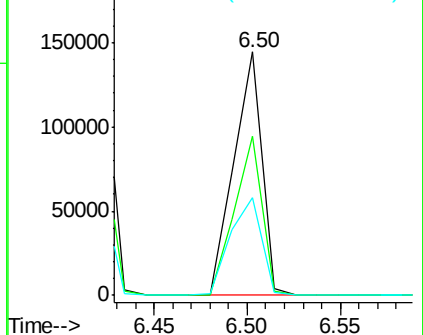
#13
 1,4-Dichlorobenzene
 Concen: 33.91 ng
 RT: 6.50 min Scan# 417
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 152611
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.3 78.5
 111 40.3 34.4 51.6

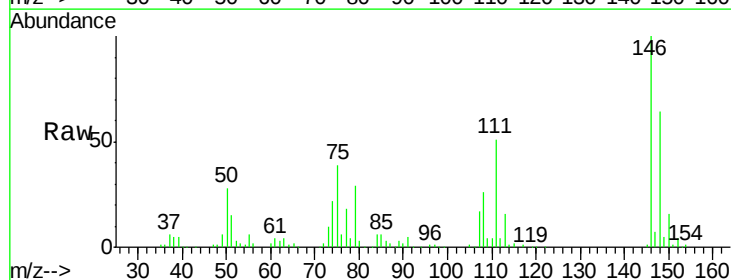


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

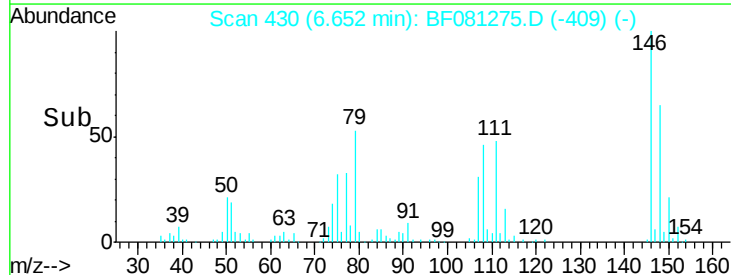
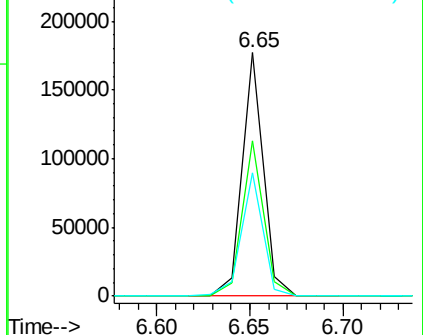


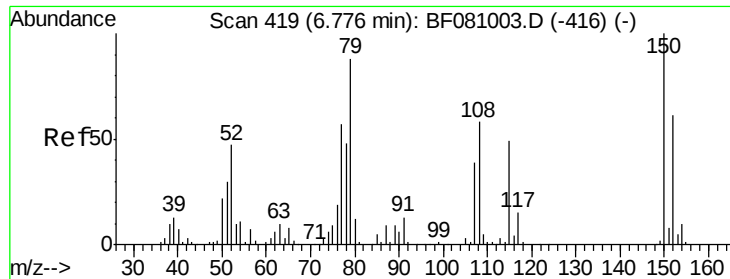
#14
 1,2-Dichlorobenzene
 Concen: 33.51 ng
 RT: 6.65 min Scan# 430
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion:146 Resp: 141164
 Ion Ratio Lower Upper
 146 100
 148 64.0 48.7 73.1
 111 50.7 42.3 63.5



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

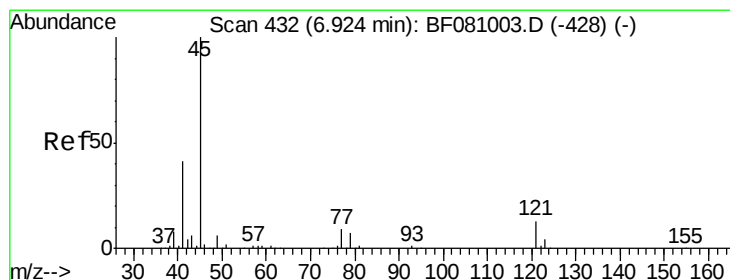
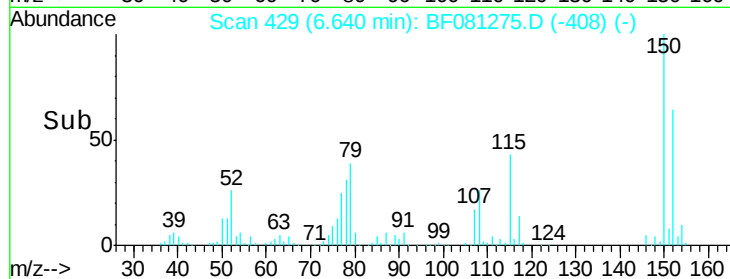
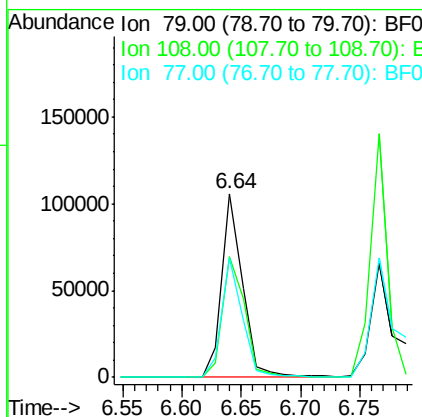
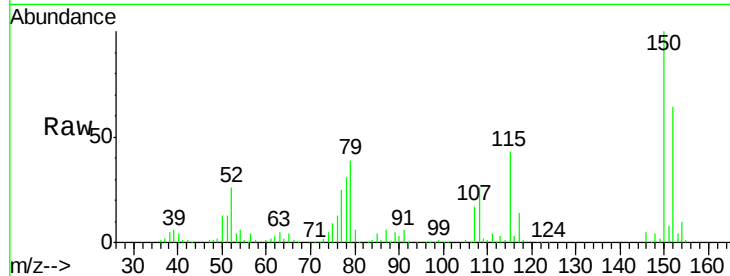




#15
Benzyl Alcohol
Concen: 31.70 ng
RT: 6.64 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

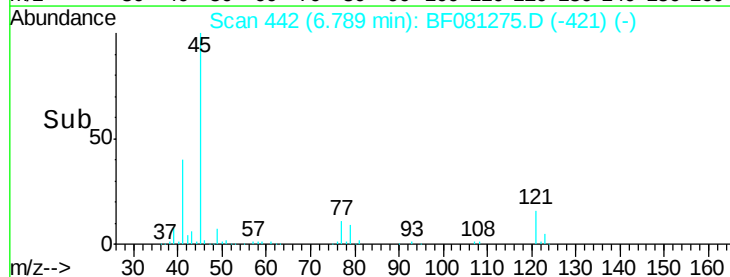
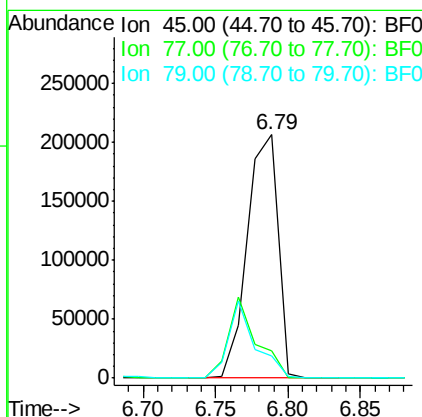
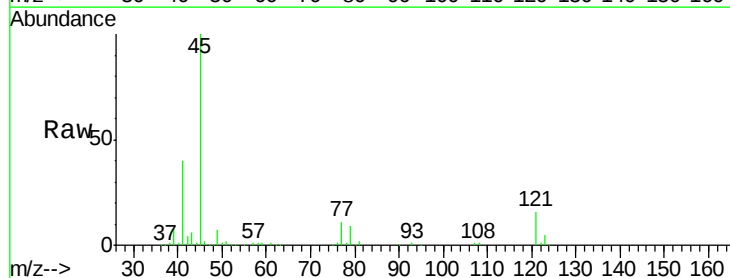
Instrument :
BNA_F
ClientSampleId :

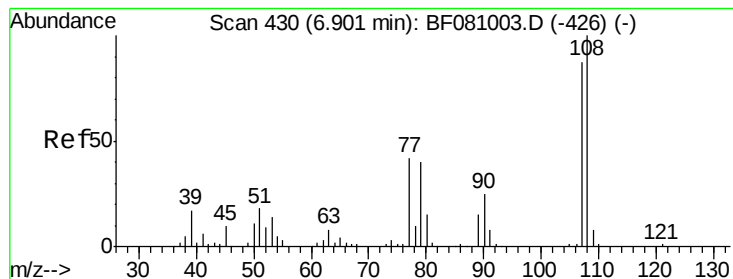
Tot Ion: 79 Resp: 129336
Ion Ratio Lower Upper
79 100
108 66.1 49.4 74.2
77 64.7 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.85 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion: 45 Resp: 303895
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.2
79 9.3 0.0 28.0

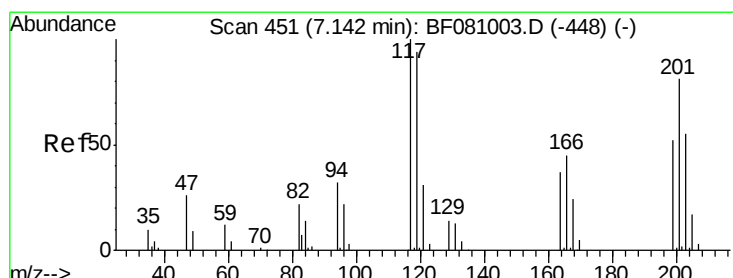
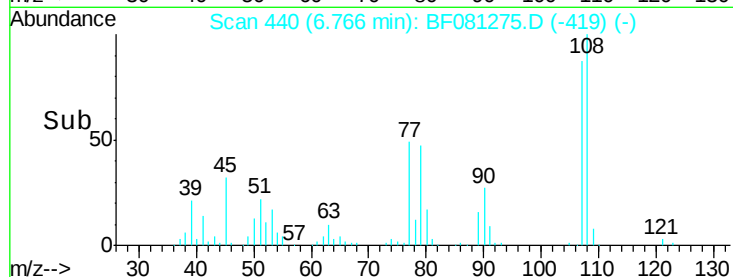
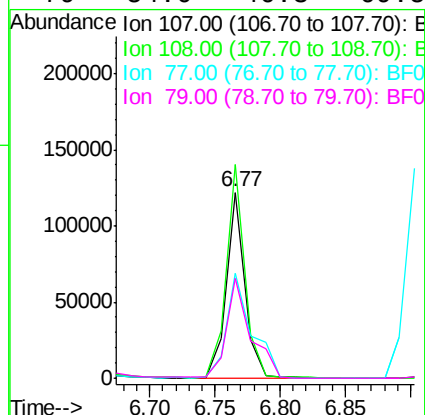
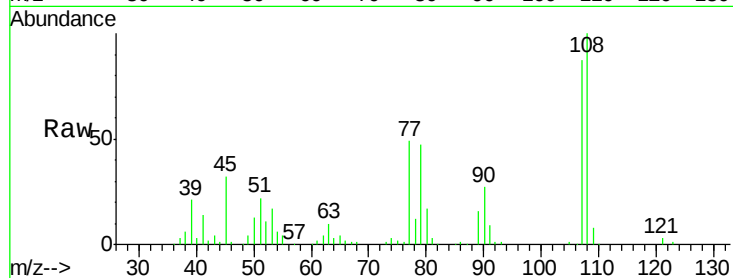




#17
2-Methylphenol
Concen: 33.34 ng
RT: 6.77 min Scan# 440
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

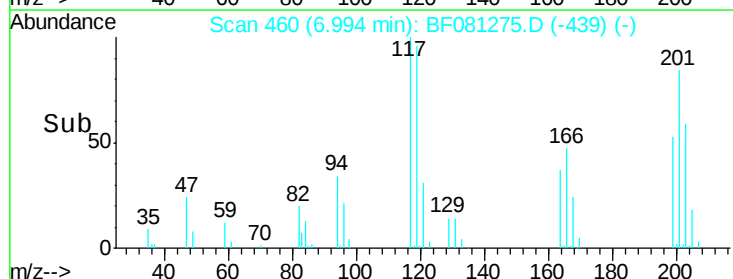
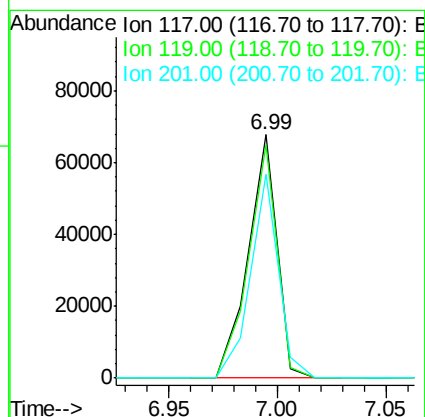
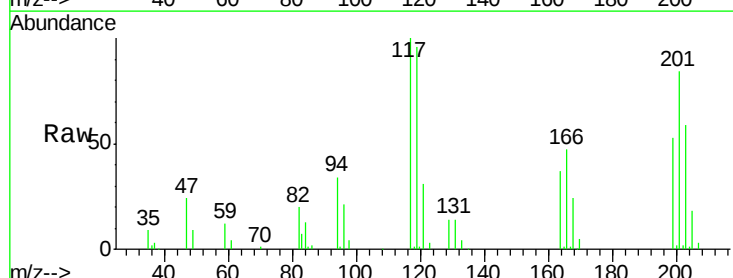
Instrument :
BNA_F
ClientSampleId :

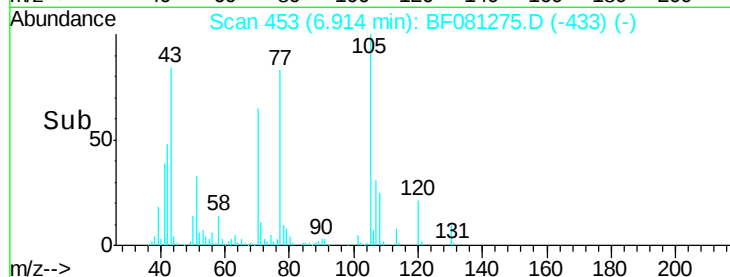
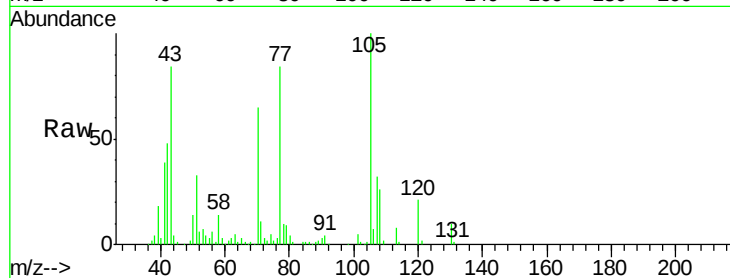
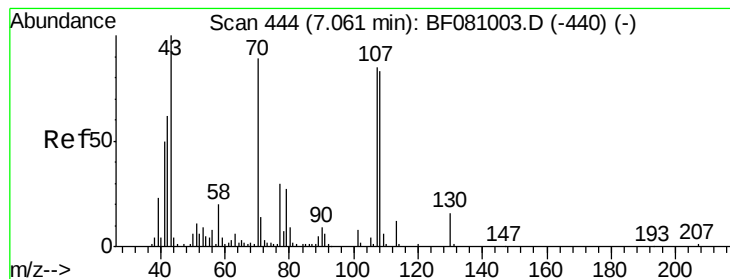
Tot Ion:	107	Resp:	121011
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.4	135.6
77	56.5	46.5	69.7
79	54.0	46.3	69.5



#18
Hexachloroethane
Concen: 34.21 ng
RT: 6.99 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion:	117	Resp:	62202
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.9	116.9
201	84.0	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 34.74 ng

RT: 6.91 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 121350

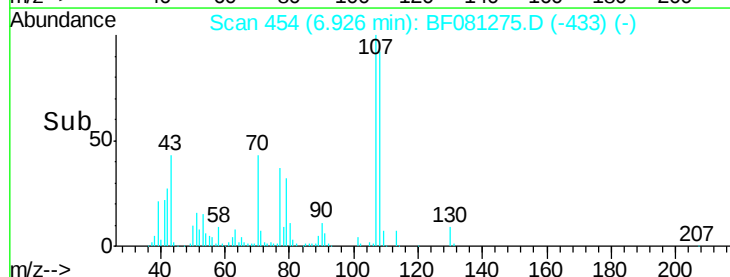
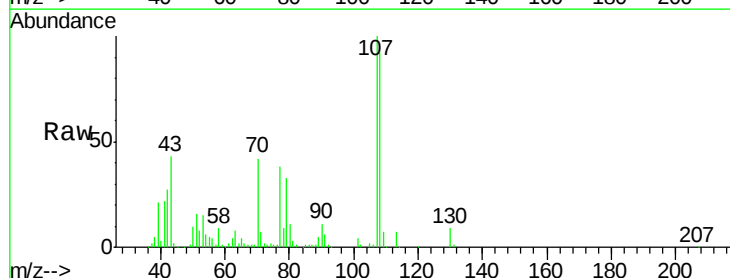
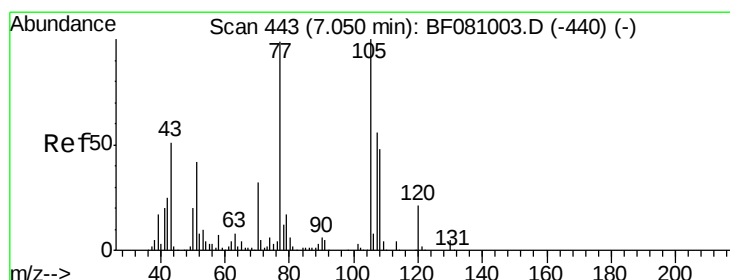
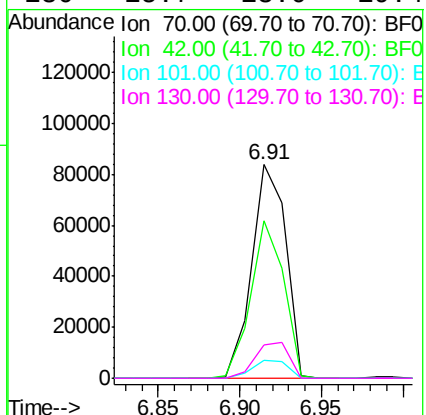
Ion Ratio Lower Upper

70 100

42 73.9 65.0 97.4

101 8.2 7.4 11.2

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 34.13 ng

RT: 6.93 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Tgt Ion: 107 Resp: 157226

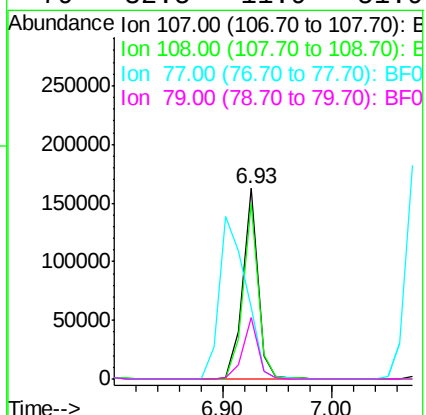
Ion Ratio Lower Upper

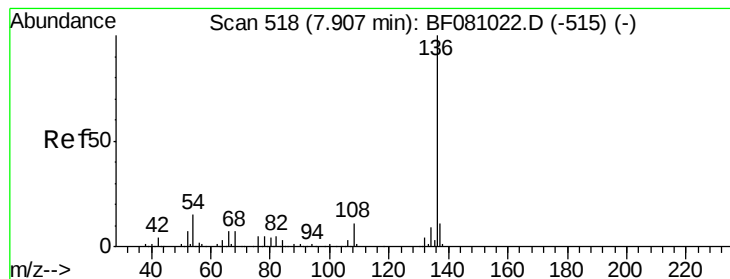
107 100

108 92.0 66.1 106.1

77 37.8 139.3 179.3#

79 32.5 11.9 51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 237346

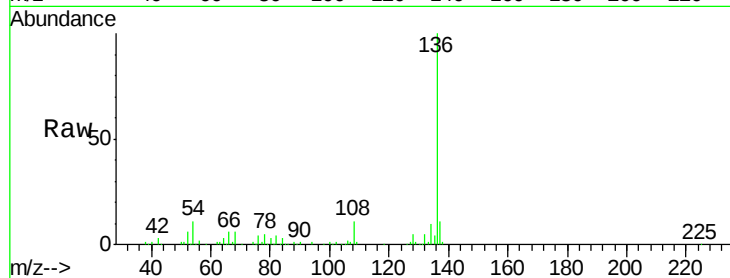
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 11.3 7.7 11.5

68 6.1 3.4 5.2#

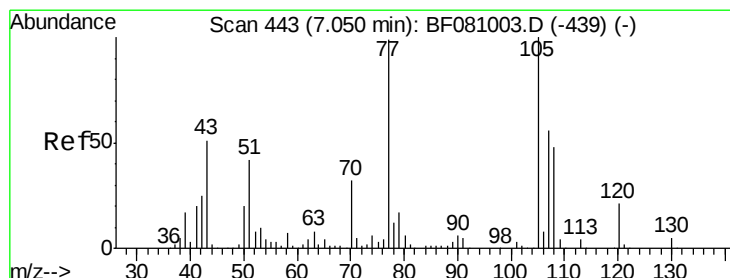
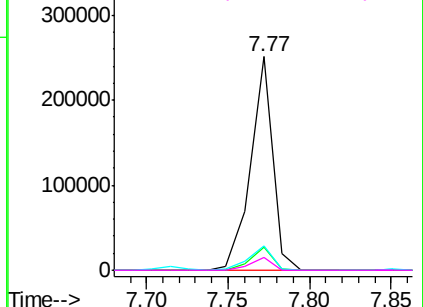
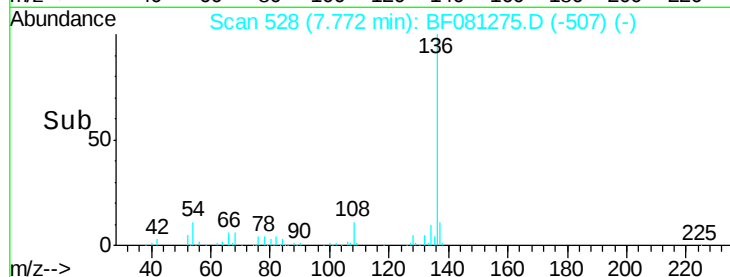


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.12 ng

RT: 6.90 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Tgt Ion:105 Resp: 225061

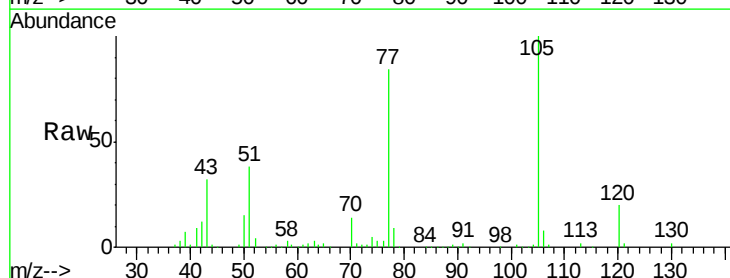
Ion Ratio Lower Upper

105 100

71 2.2 3.0 4.6#

51 37.7 39.8 59.8#

120 19.6 15.8 23.8

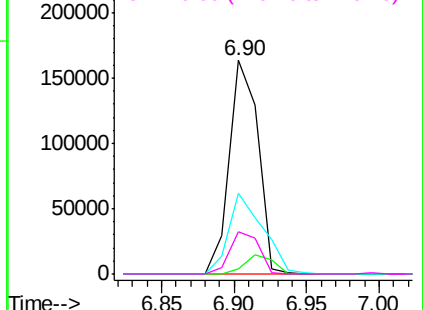
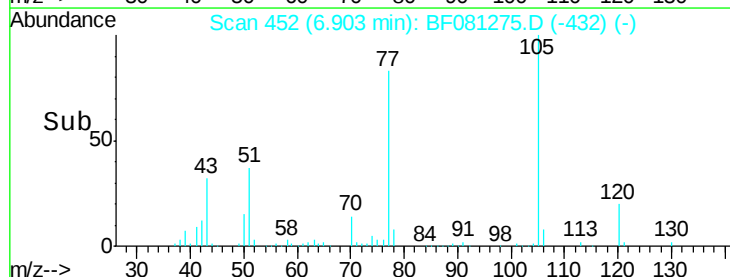


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

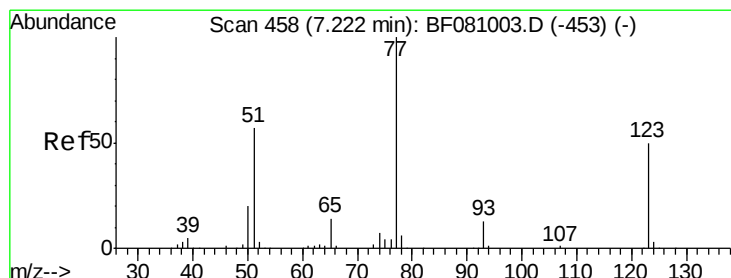
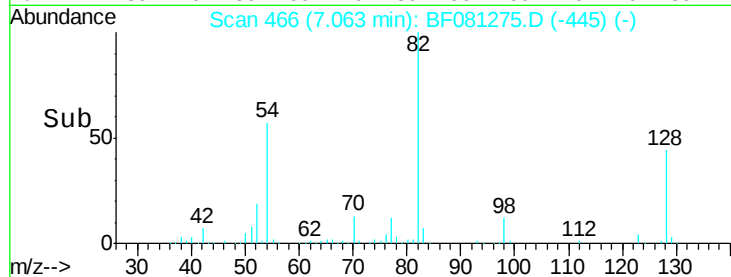
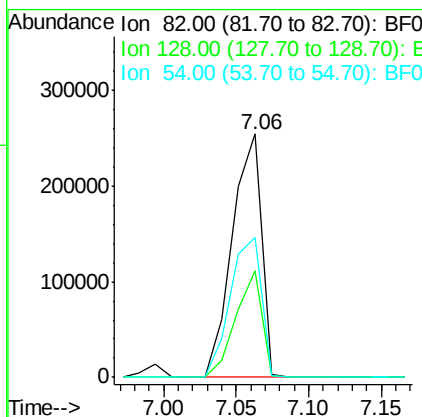
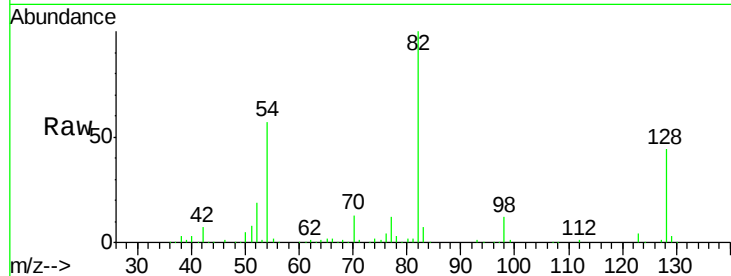




#23
 Nitrobenzene-d5
 Concen: 68.51 ng
 RT: 7.06 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

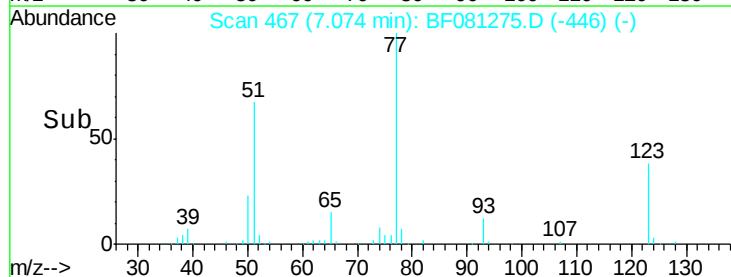
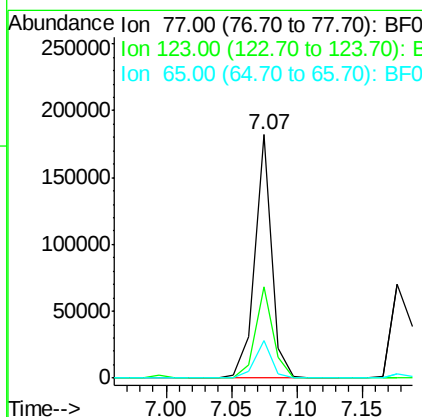
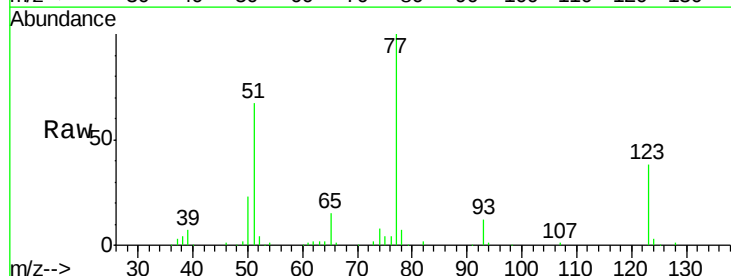
Instrument :
 BNA_F
 ClientSampleID :

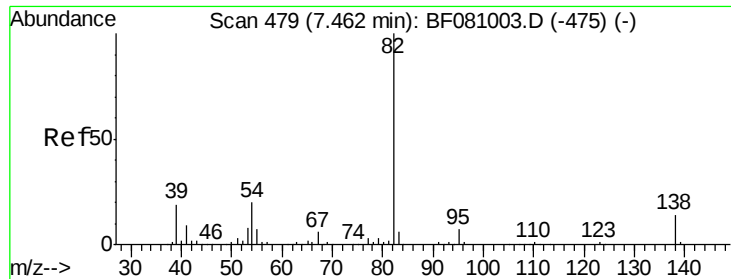
Tot Ion: 82 Resp: 355935
 Ion Ratio Lower Upper
 82 100
 128 43.8 28.6 42.8#
 54 57.4 55.1 82.7



#24
 Nitrobenzene
 Concen: 30.22 ng
 RT: 7.07 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion: 77 Resp: 164170
 Ion Ratio Lower Upper
 77 100
 123 37.7 32.9 49.3
 65 15.2 12.5 18.7





#25

Isophorone

Concen: 32.70 ng

RT: 7.33 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

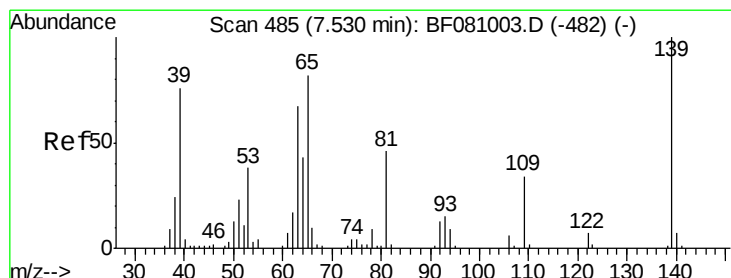
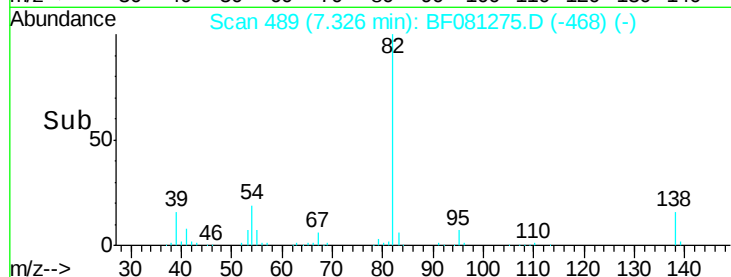
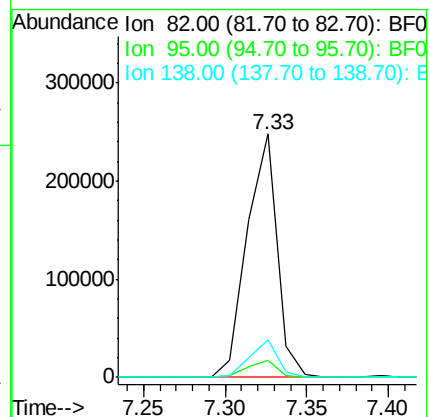
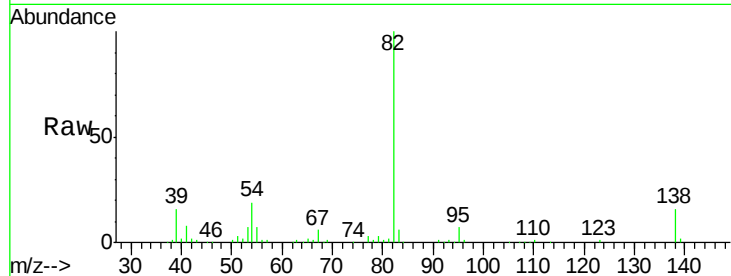
Tot Ion: 82 Resp: 316878

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

138 15.7 10.5 15.7



#26

2-Nitrophenol

Concen: 35.16 ng

RT: 7.39 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

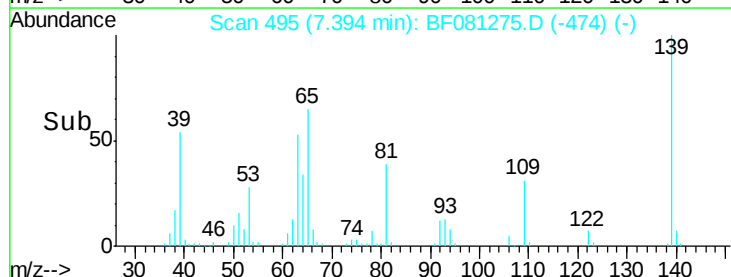
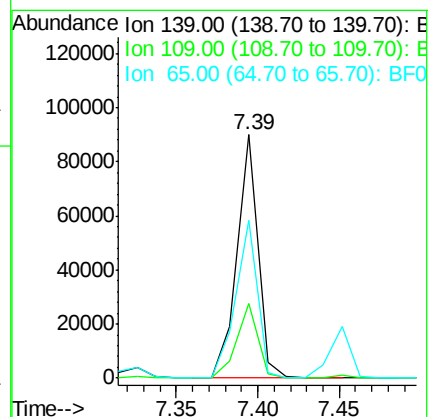
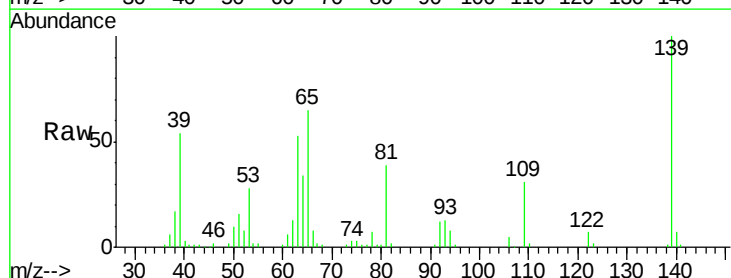
Tgt Ion: 139 Resp: 79425

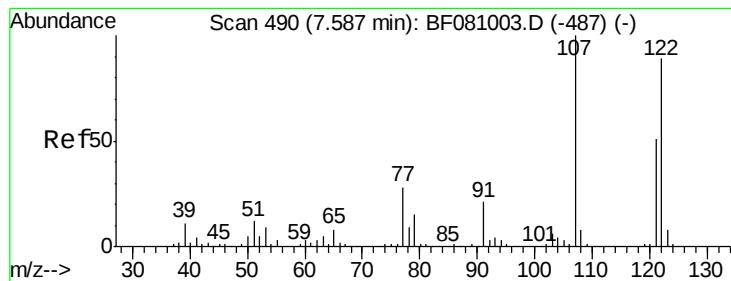
Ion Ratio Lower Upper

139 100

109 30.8 32.1 48.1#

65 65.1 69.9 104.9#

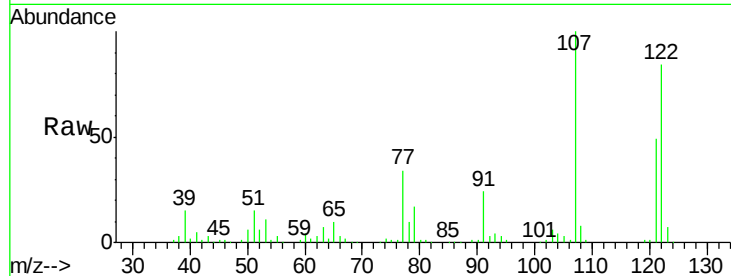




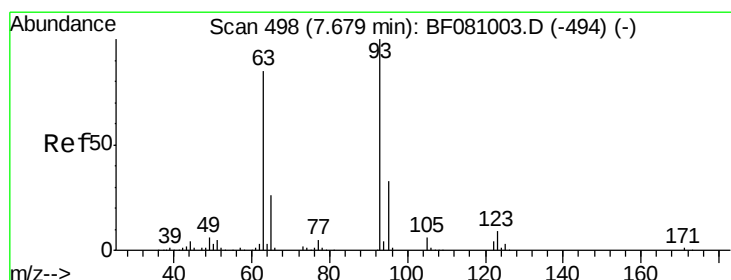
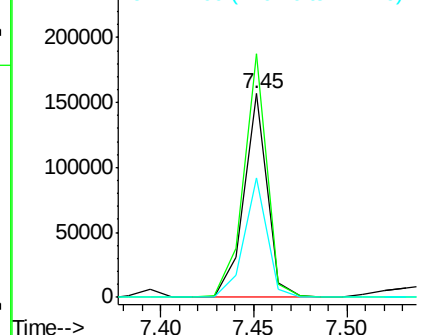
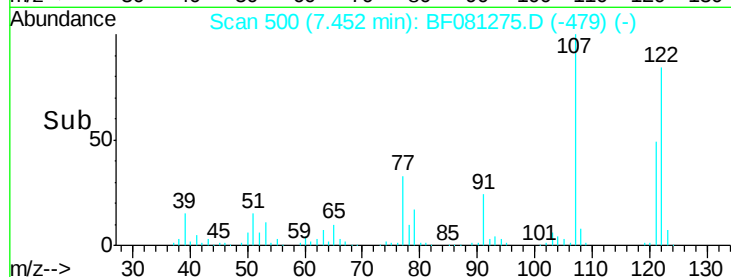
#27
 2,4-Dimethylphenol
 Concen: 34.65 ng
 RT: 7.45 min Scan# 500
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 138470
 Ion Ratio Lower Upper
 122 100
 107 119.5 103.8 155.6
 121 58.5 47.0 70.4

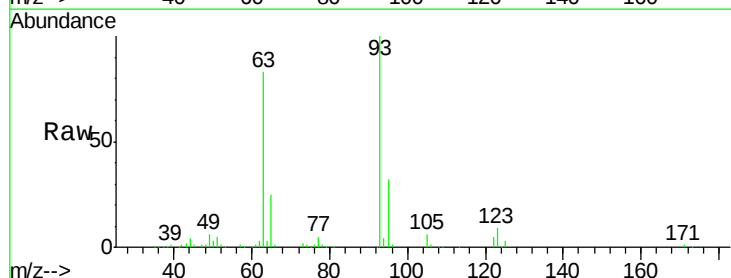


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

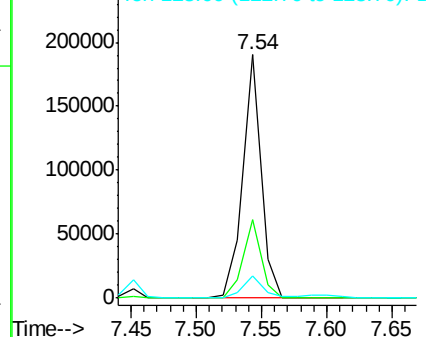
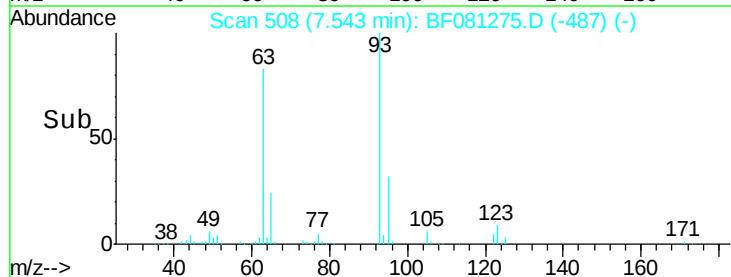


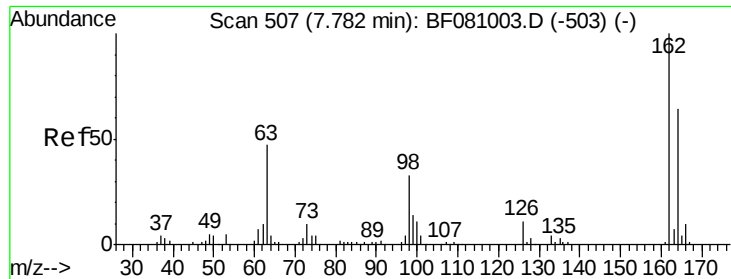
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.31 ng
 RT: 7.54 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion: 93 Resp: 184968
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.8 38.8
 123 9.2 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

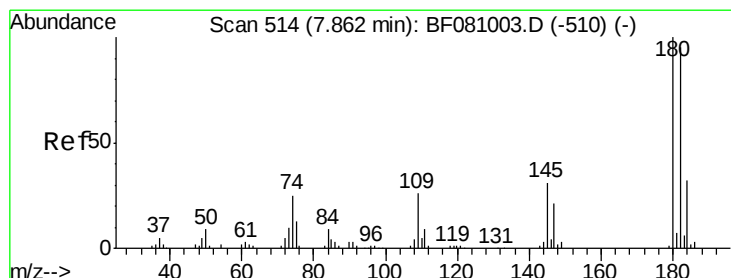
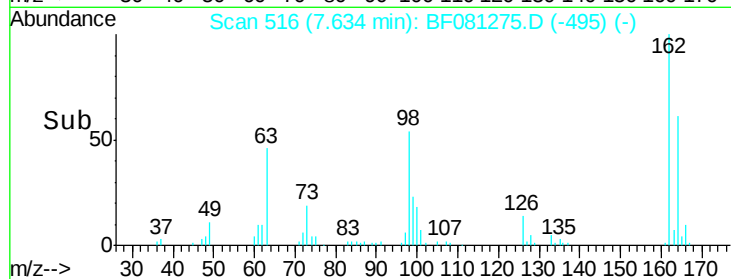
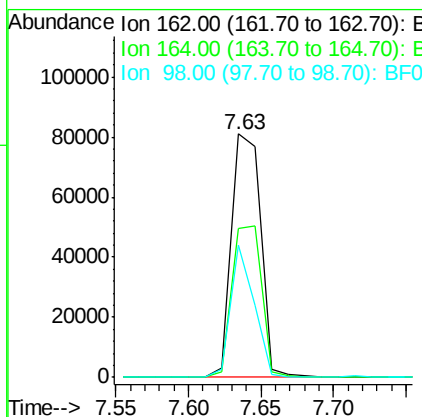
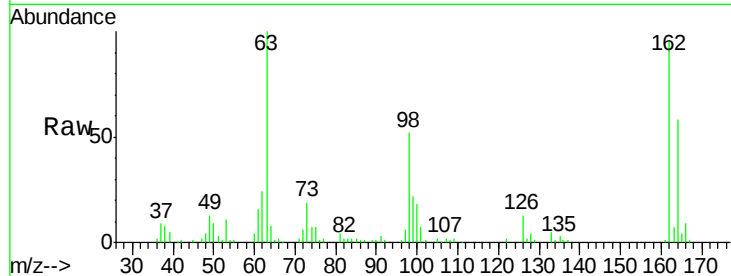




#29
 2,4-Dichlorophenol
 Concen: 33.68 ng
 RT: 7.63 min Scan# 516
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

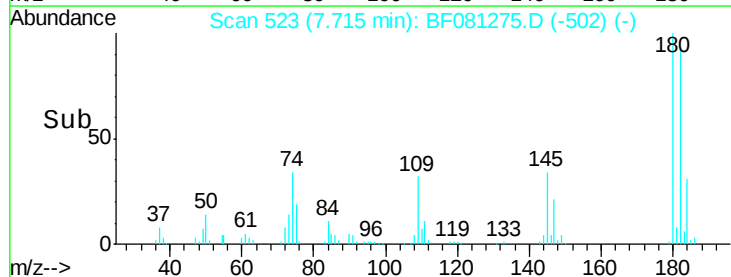
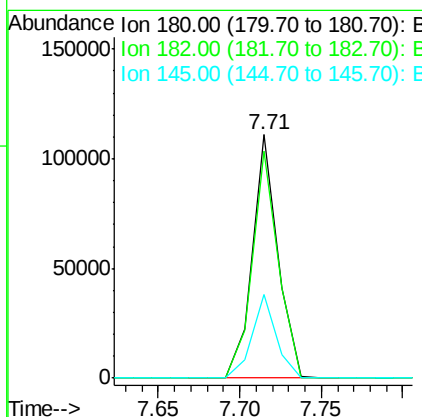
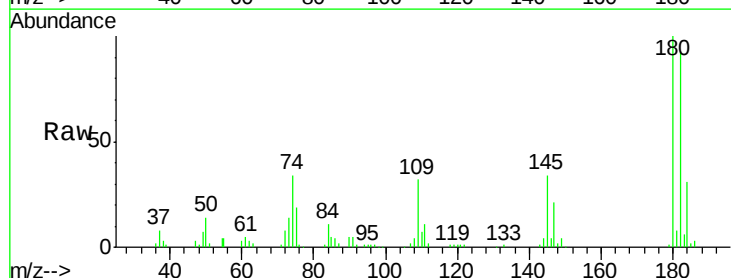
Instrument :
 BNA_F
 ClientSampleId :

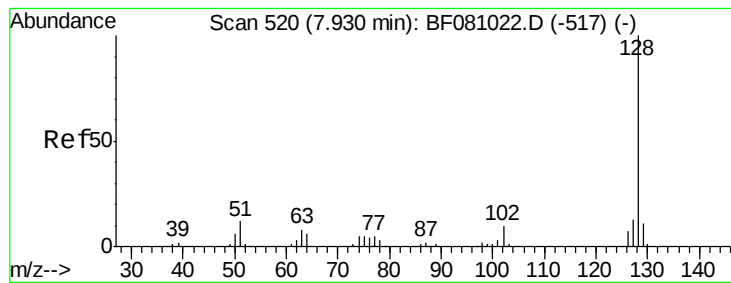
Tot Ion:162 Resp: 113335
 Ion Ratio Lower Upper
 162 100
 164 61.3 43.2 83.2
 98 54.5 12.3 52.3#



#30
 1,2,4-Trichlorobenzene
 Concen: 32.20 ng
 RT: 7.71 min Scan# 523
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion:180 Resp: 120413
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.4 114.6
 145 34.4 25.4 38.2





#31

Naphthalene

Concen: 34.32 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

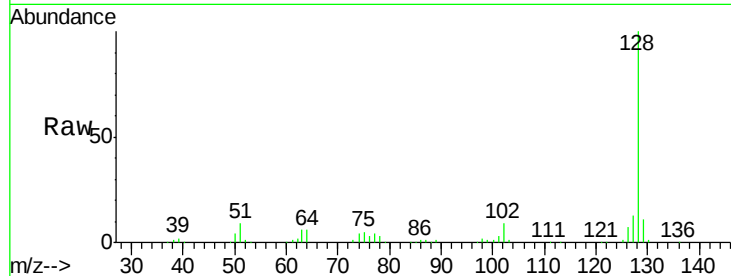
Tot Ion:128 Resp: 454125

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

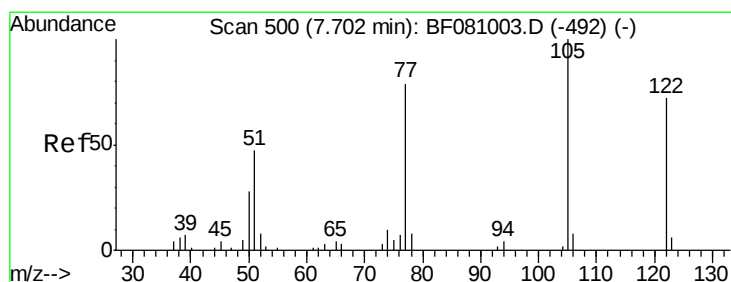
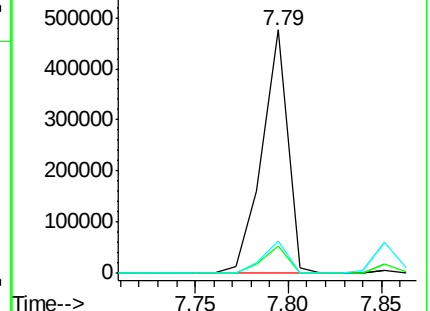
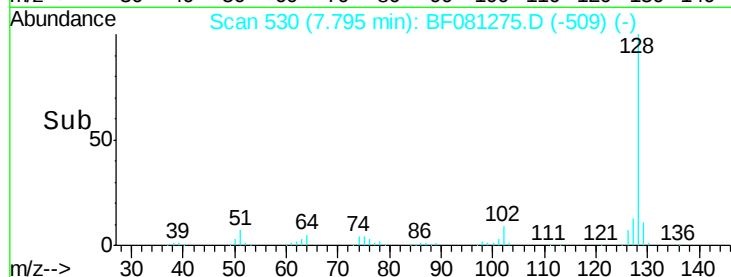
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.97 ng

RT: 7.60 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

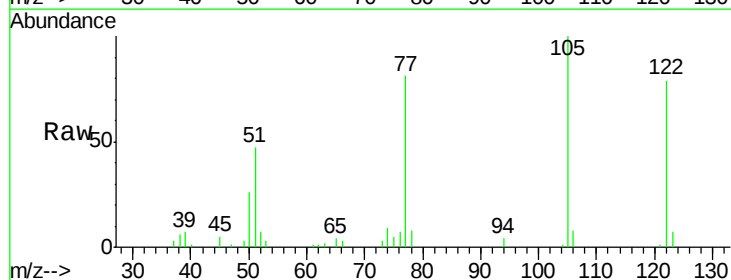
Tgt Ion:122 Resp: 94353

Ion Ratio Lower Upper

122 100

105 126.4 113.8 153.8

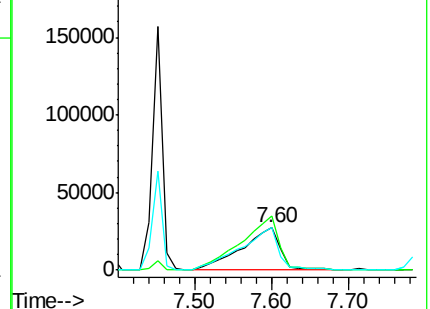
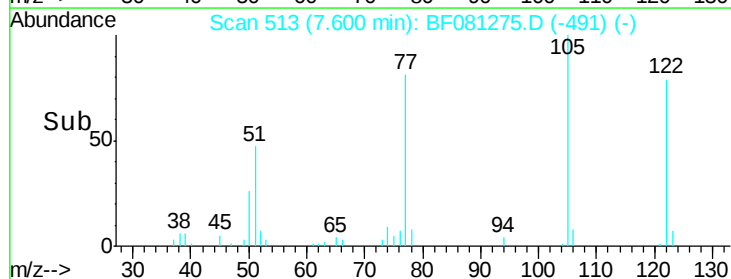
77 102.2 93.8 133.8

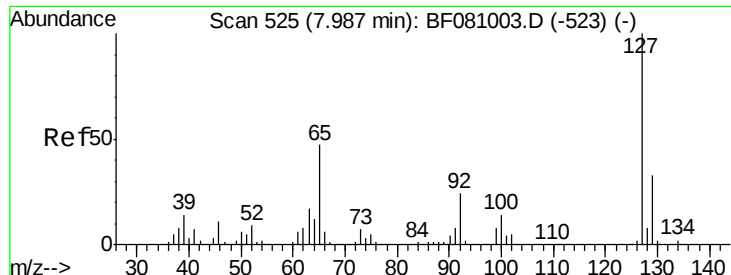


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

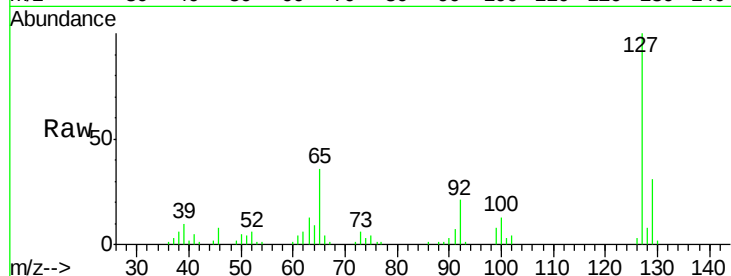




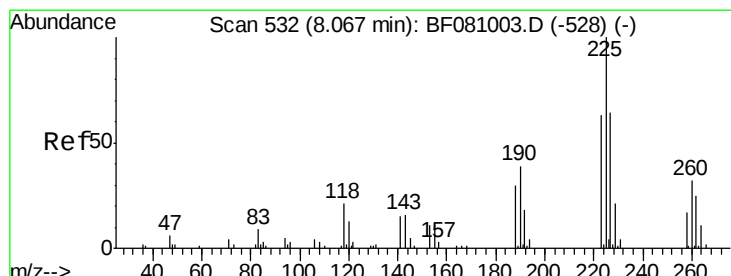
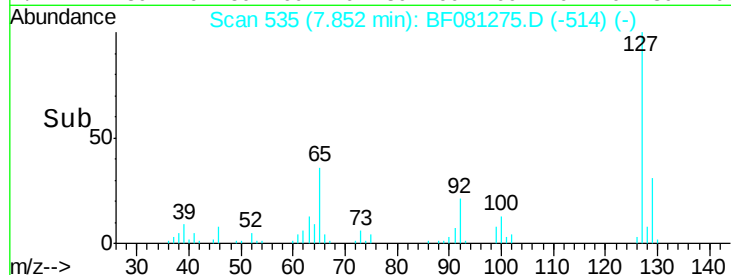
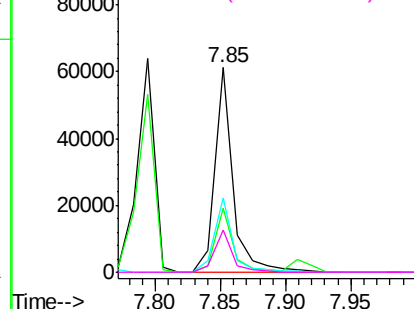
#33
4-Chloroaniline
Concen: 10.66 ng
RT: 7.85 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	59506
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.2	37.8
65	36.4	37.8	56.6#
92	20.9	19.5	29.3

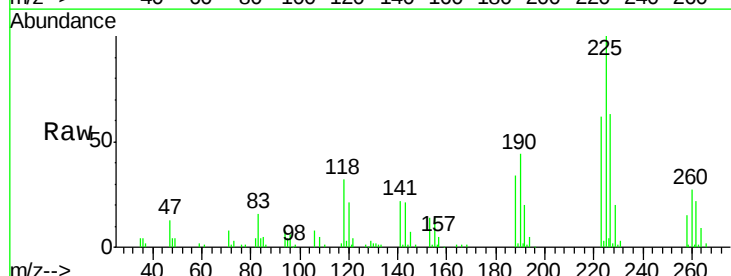


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

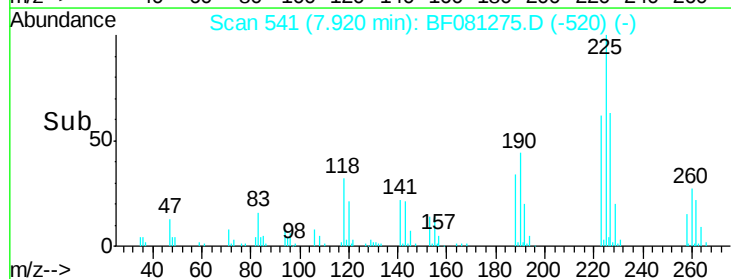
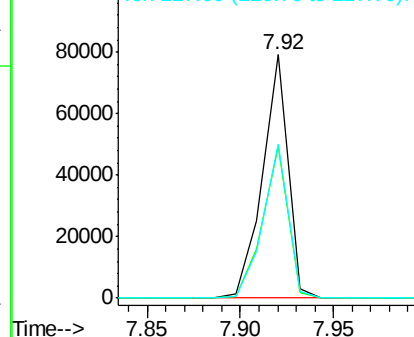


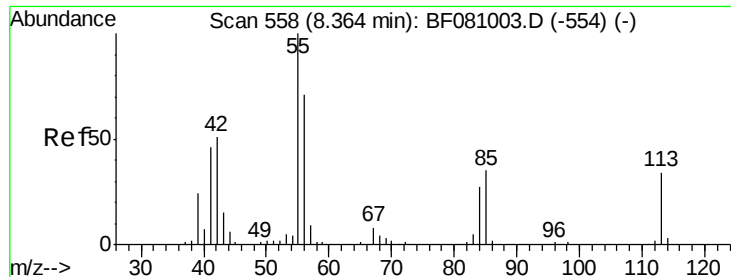
#34
Hexachlorobutadiene
Concen: 35.22 ng
RT: 7.92 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion:	225	Resp:	74485
Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.6	79.0
227	63.1	51.1	76.7



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





#35

Caprolactam

Concen: 20.74 ng

RT: 8.23 min Scan# 568

Delta R.T. -0.07 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

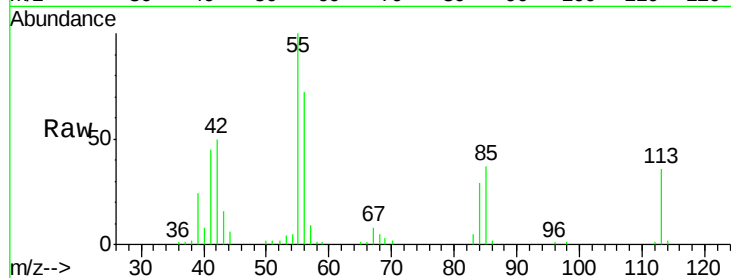
Tot Ion:113 Resp: 24392

Ion Ratio Lower Upper

113 100

55 275.5 280.4 320.4#

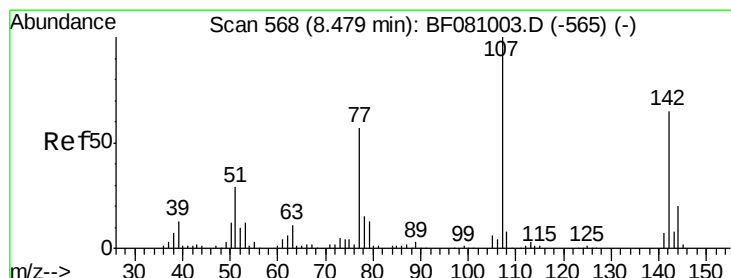
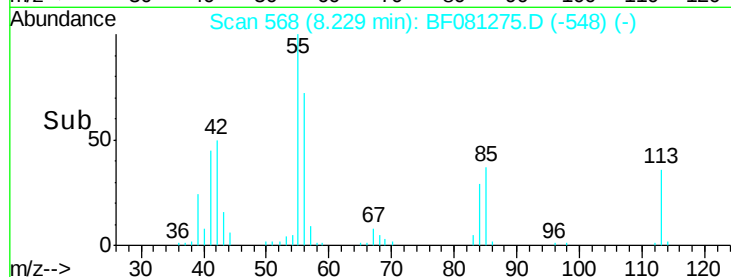
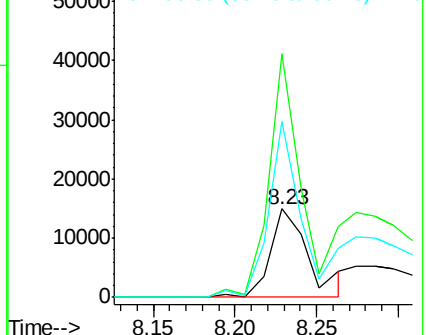
56 198.7 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.44 ng

RT: 8.35 min Scan# 579

Delta R.T. -0.05 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

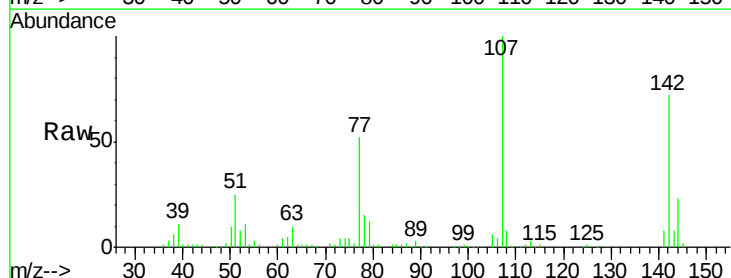
Tgt Ion:107 Resp: 146153

Ion Ratio Lower Upper

107 100

144 22.7 17.2 25.8

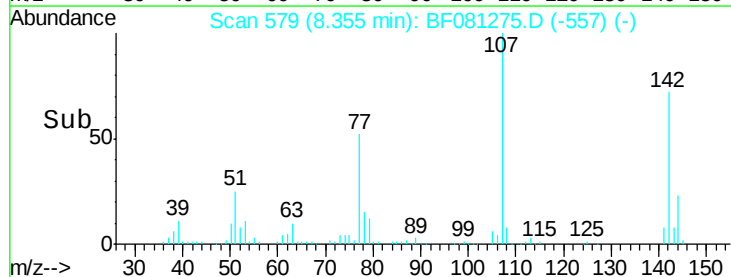
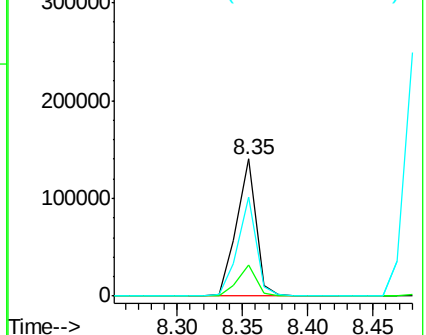
142 71.6 54.9 82.3

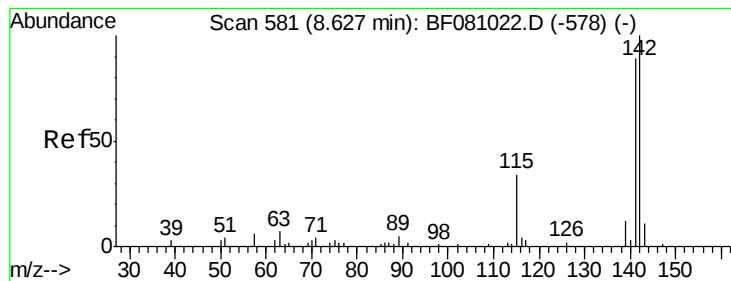


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

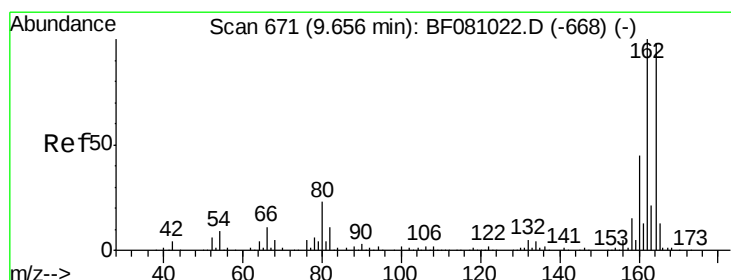
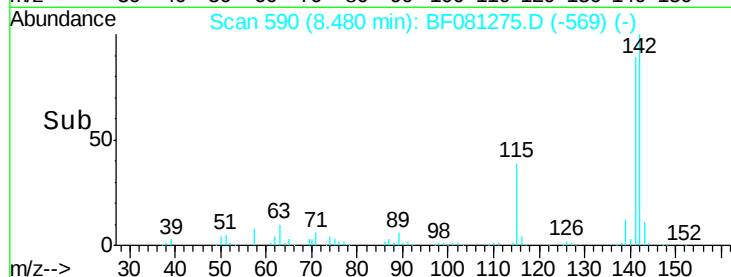
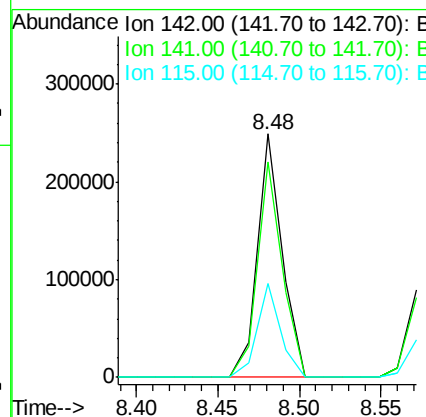
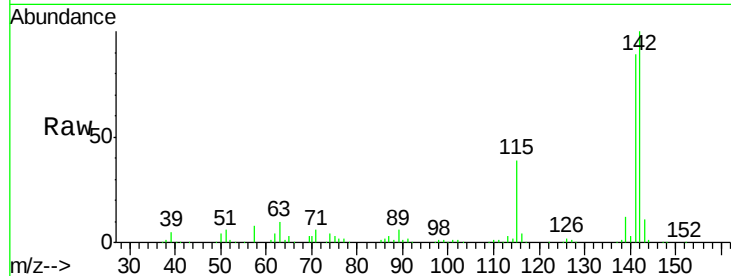




#37
 2-Methylnaphthalene
 Concen: 31.58 ng
 RT: 8.48 min Scan# 590
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

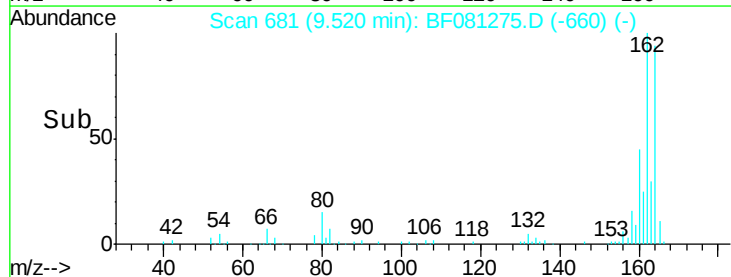
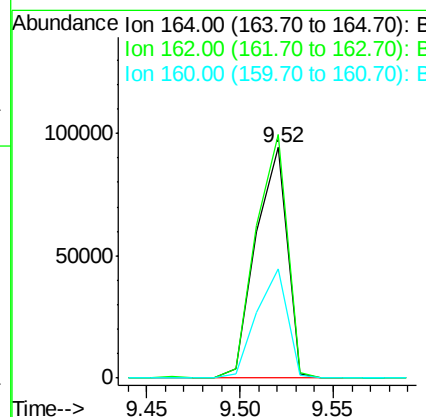
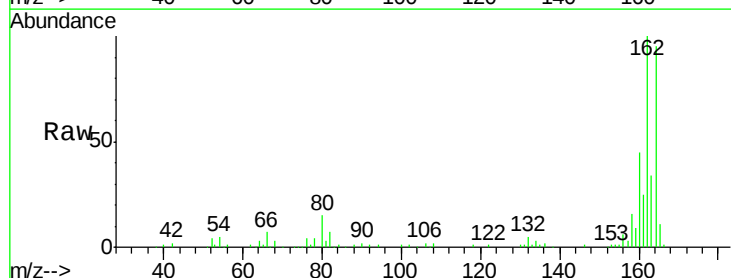
Instrument :
 BNA_F
 ClientSampleId :

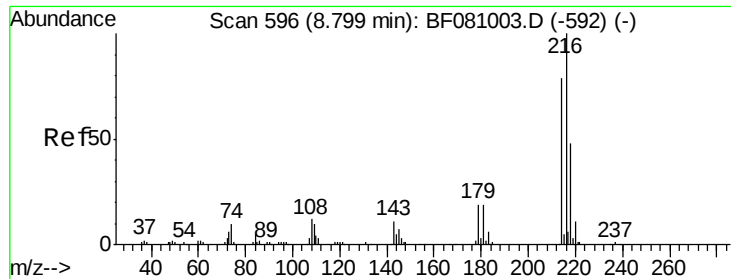
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2
115	38.7	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 681
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.8	125.8
160	47.5	39.8	59.8

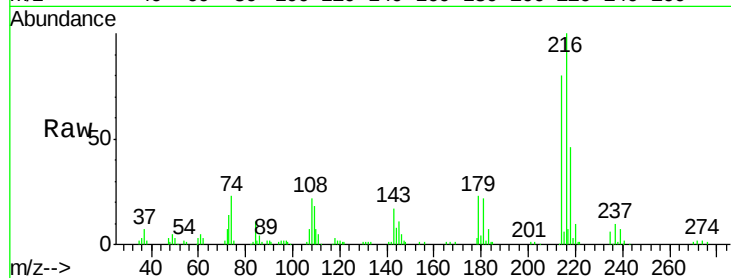




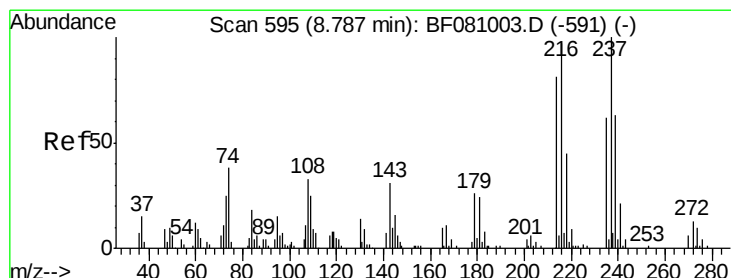
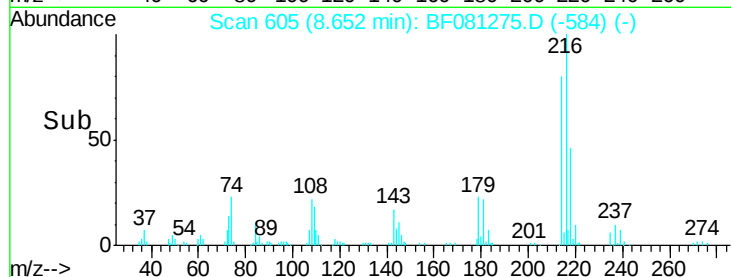
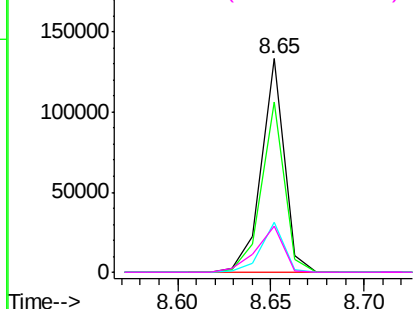
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.73 ng
 RT: 8.65 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	115339
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.8 95.8
179	23.0	17.8 26.8
108	26.0	16.2 24.2#

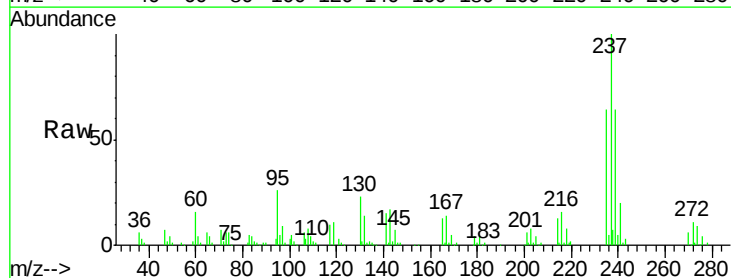


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

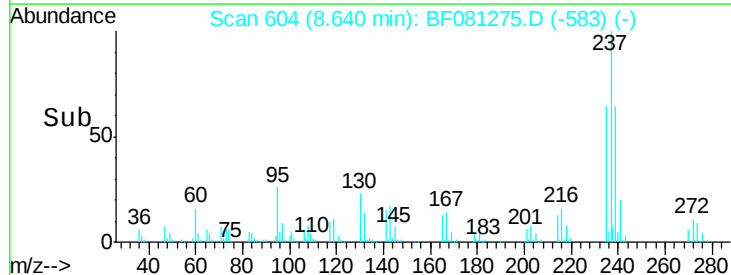
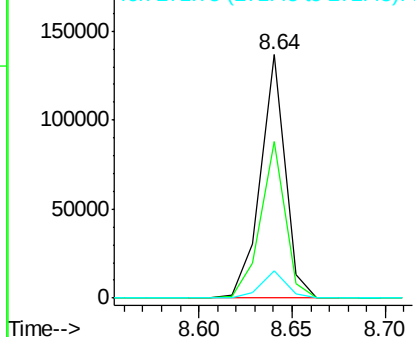


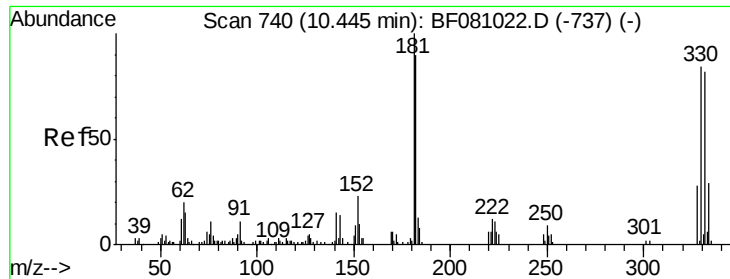
#40
 Hexachlorocyclopentadiene
 Concen: 68.60 ng
 RT: 8.64 min Scan# 604
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion:237	Resp:	125128
Ion Ratio	Lower	Upper
237	100	
235	64.2	43.6 83.6
272	11.0	0.0 32.2



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





#41

2,4,6-Tribromophenol

Concen: 100.33 ng

RT: 10.31 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

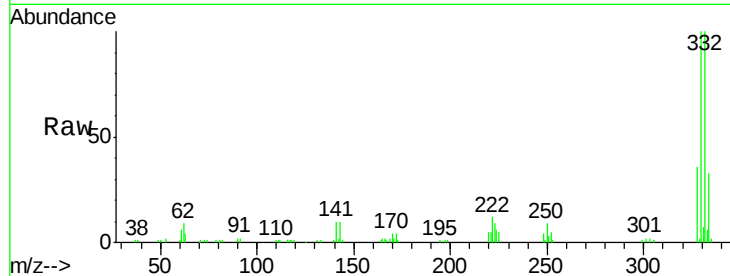
Tot Ion:330 Resp: 94988

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

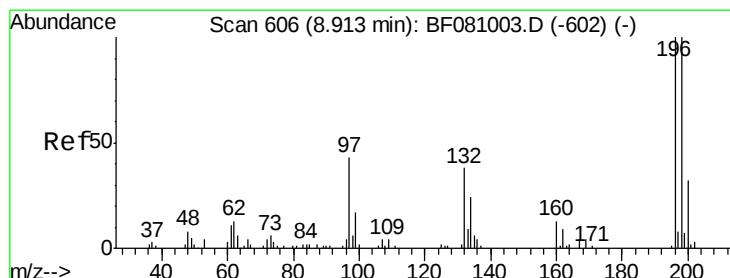
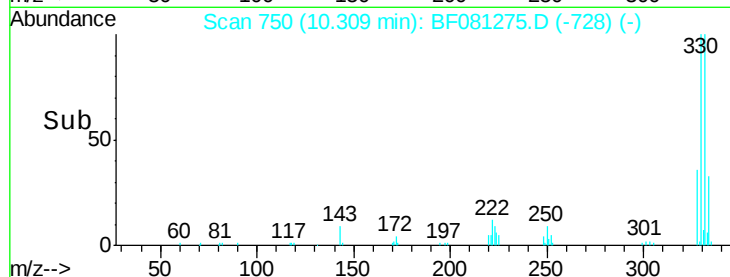
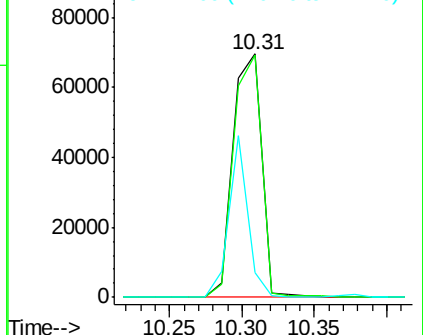
141 44.0 44.9 67.3#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 30.60 ng

RT: 8.77 min Scan# 615

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

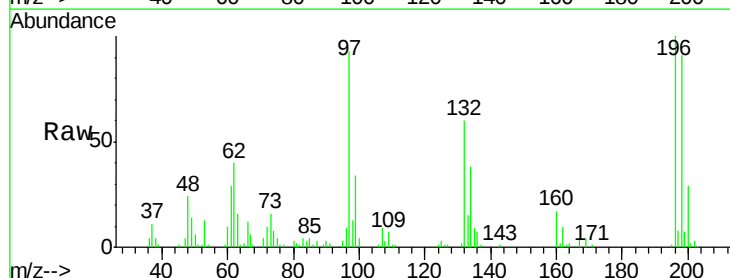
Tgt Ion:196 Resp: 76177

Ion Ratio Lower Upper

196 100

198 91.3 74.6 111.8

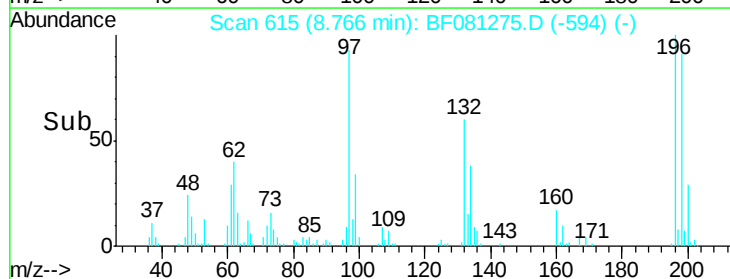
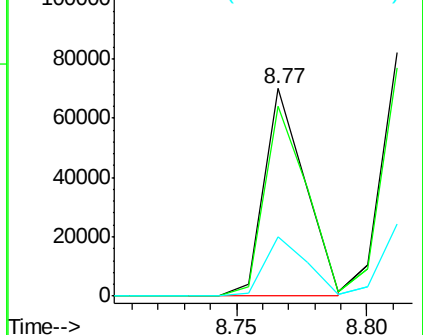
200 28.6 22.7 34.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

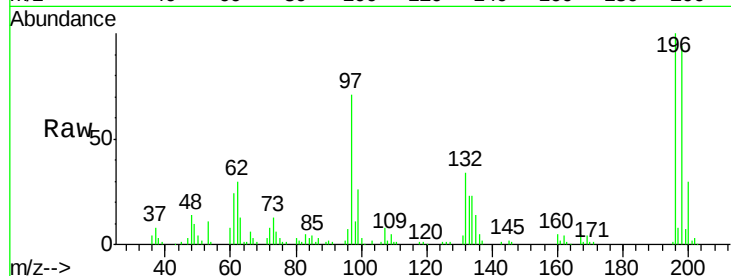




#43
 2,4,5-Trichlorophenol
 Concen: 33.20 ng
 RT: 8.81 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	78.3	117.5
97	71.4	42.7	64.1#
132	34.2	23.3	34.9



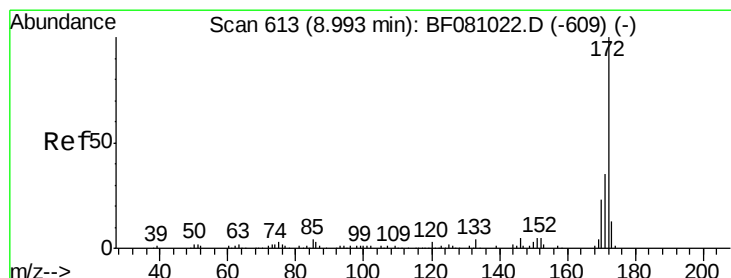
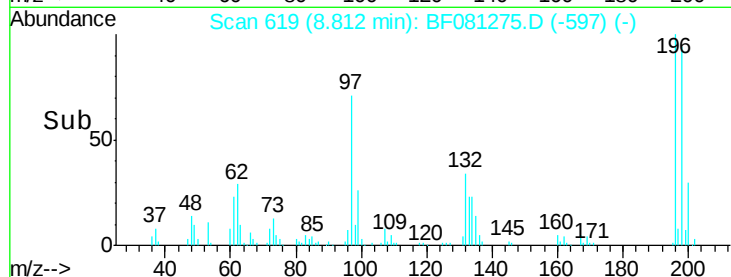
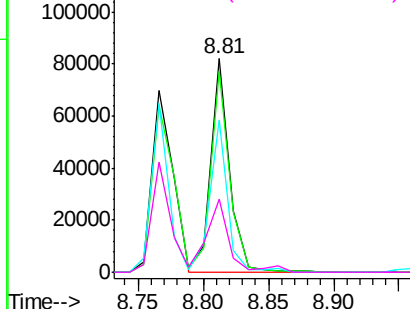
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

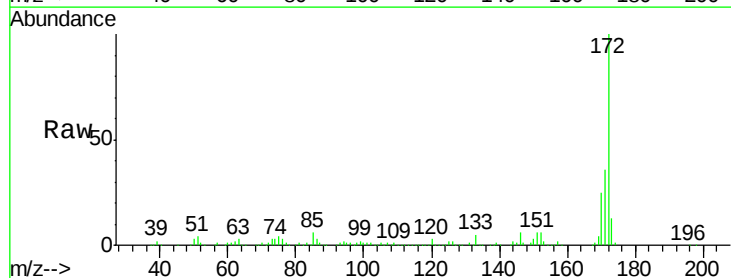
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.99 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.6	19.4	29.2

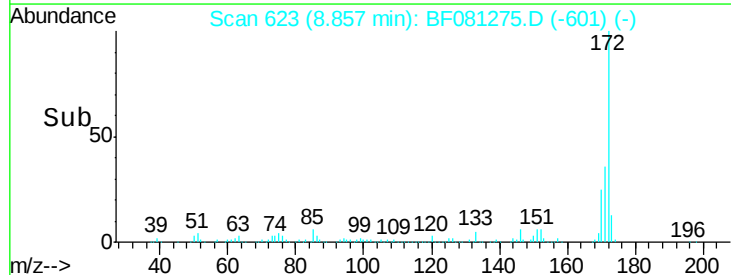
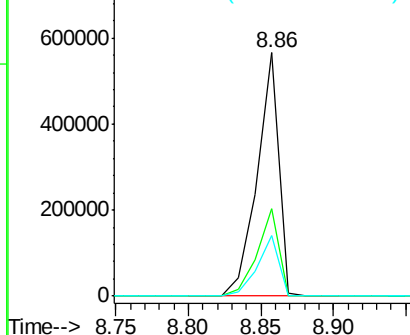


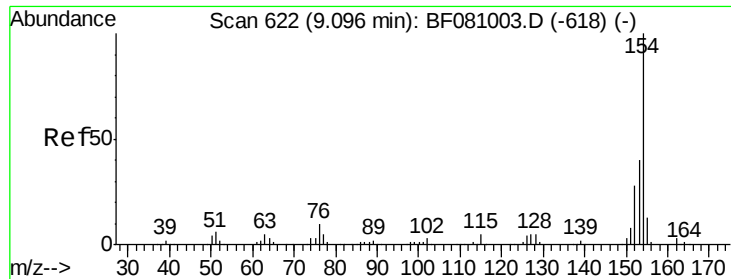
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.12 ng

RT: 8.95 min Scan# 631

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

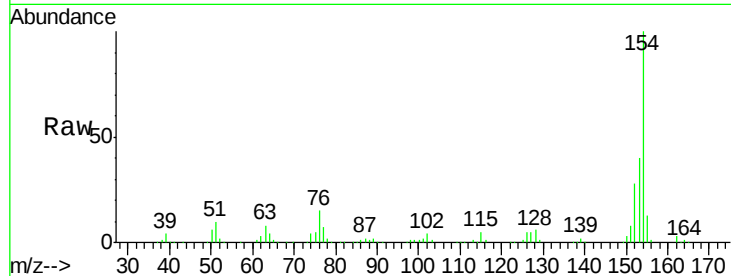
Tot Ion:154 Resp: 318624

Ion Ratio Lower Upper

154 100

153 39.7 19.5 59.5

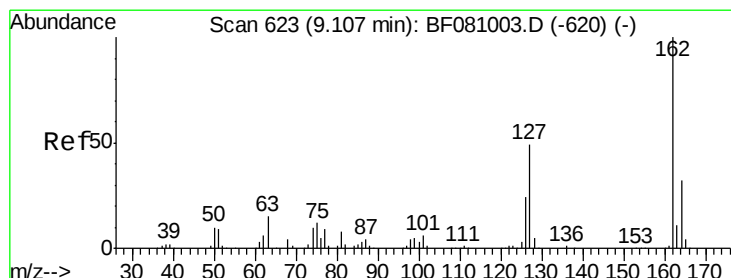
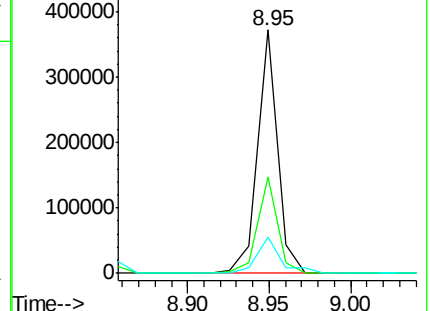
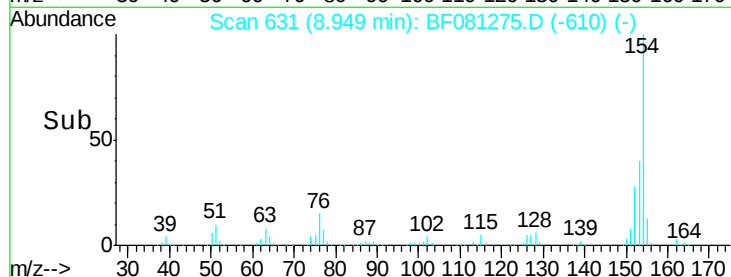
76 15.2 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.23 ng

RT: 8.97 min Scan# 633

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

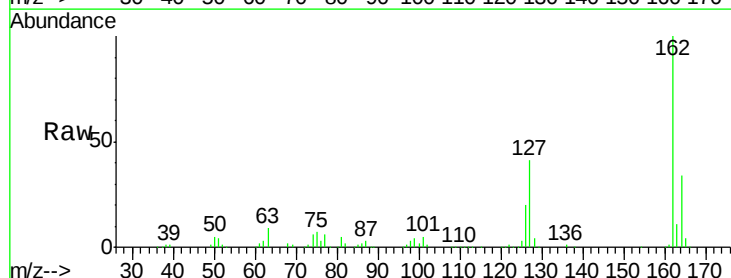
Tgt Ion:162 Resp: 264518

Ion Ratio Lower Upper

162 100

127 41.4 31.3 46.9

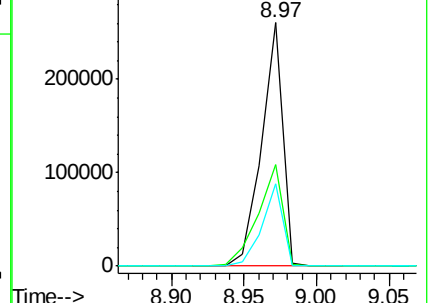
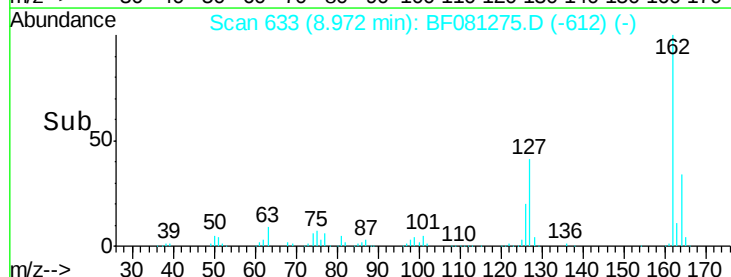
164 33.6 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

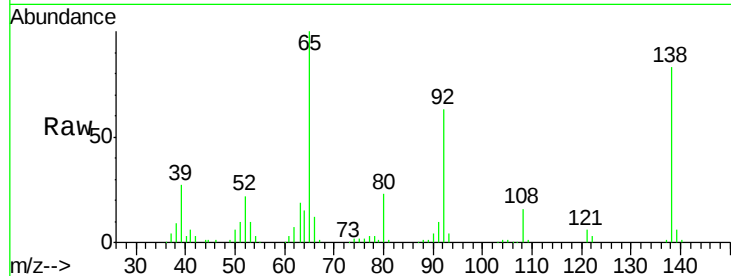




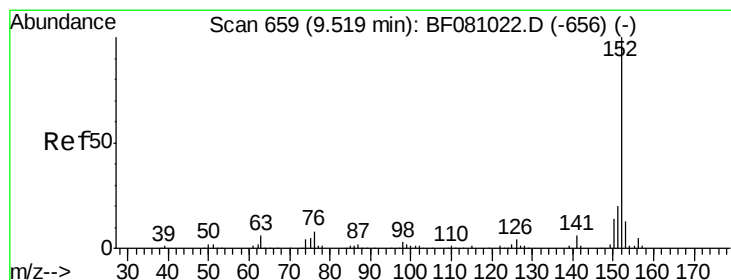
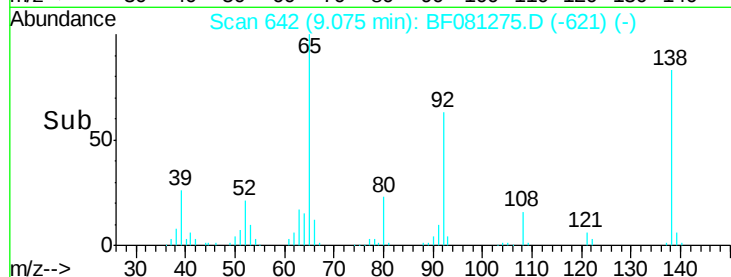
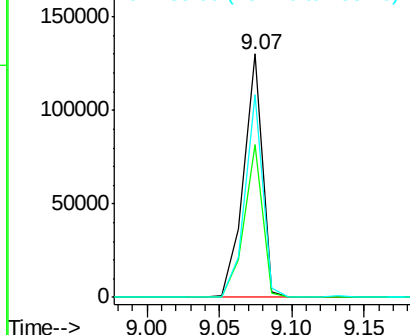
#47
2-Nitroaniline
Concen: 37.21 ng
RT: 9.07 min Scan# 642
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 117686
Ion Ratio Lower Upper
65 100
92 62.6 45.6 68.4
138 83.5 57.9 86.9

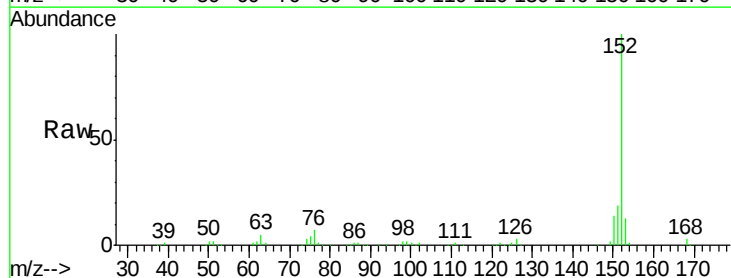


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

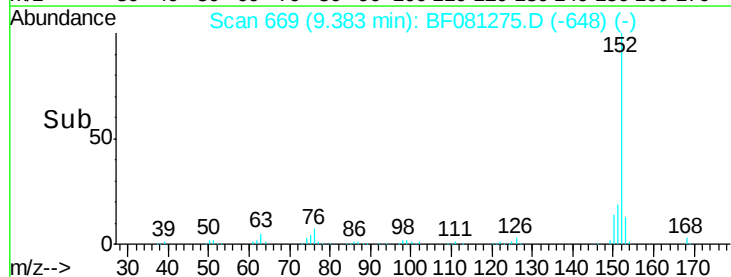
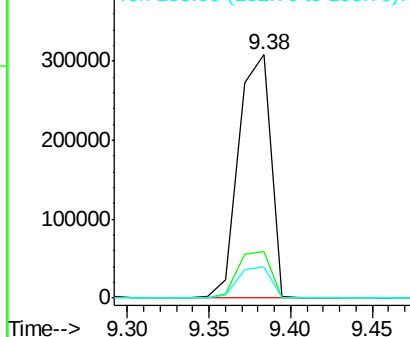


#48
Acenaphthylene
Concen: 30.27 ng
RT: 9.38 min Scan# 669
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion:152 Resp: 418550
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 12.6 9.8 14.6



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

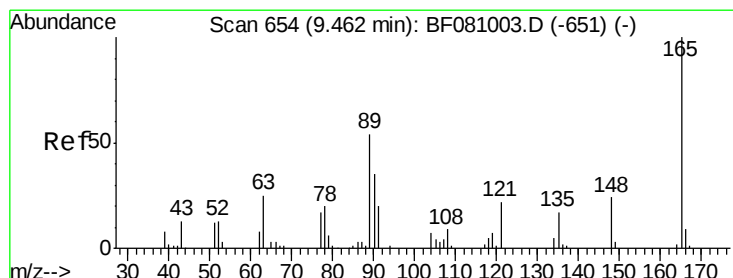
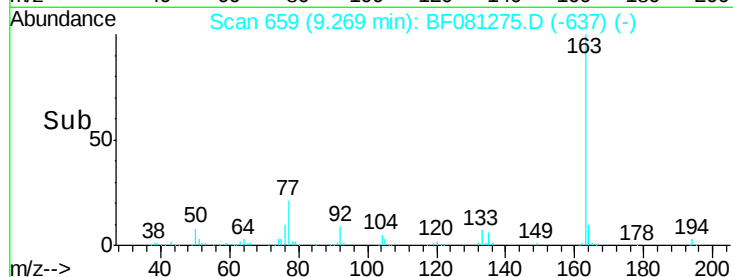
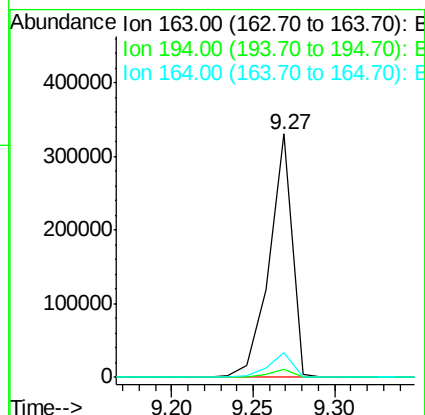
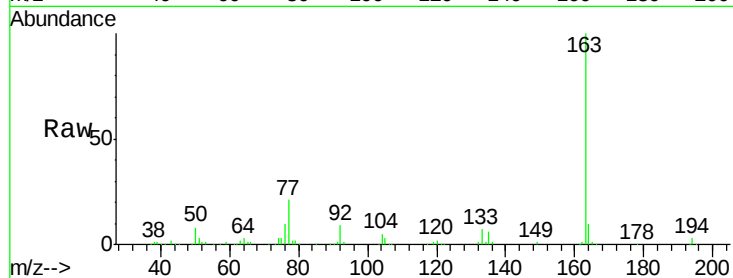




#49
Dimethylphthalate
Concen: 36.11 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

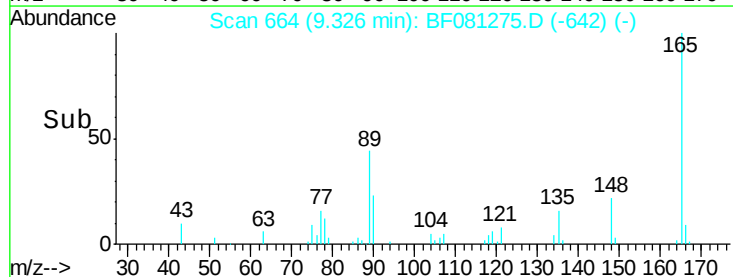
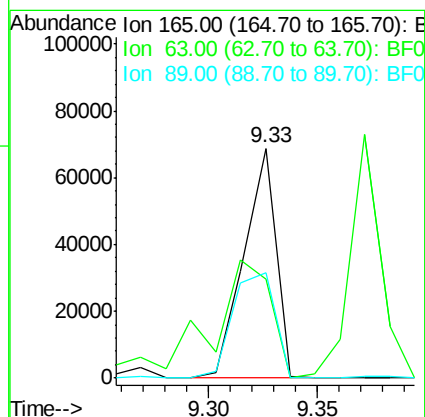
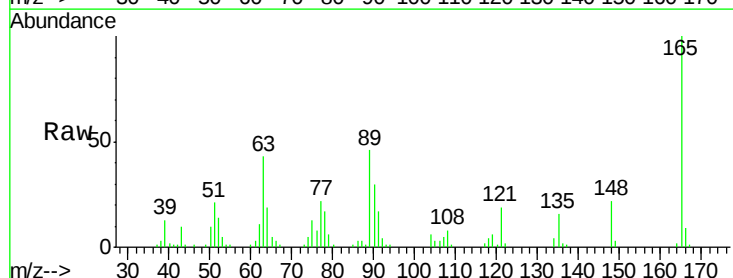
Instrument :
BNA_F
ClientSampled :

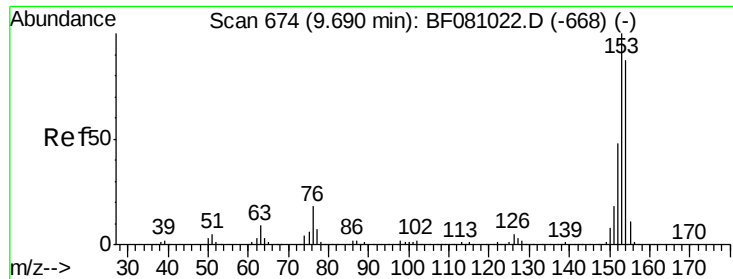
Tot Ion:163 Resp: 324837
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 10.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 36.61 ng
RT: 9.33 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion:165 Resp: 70701
Ion Ratio Lower Upper
165 100
63 43.0 49.5 74.3#
89 45.7 47.6 71.4#





#51

Acenaphthene

Concen: 29.80 ng

RT: 9.55 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

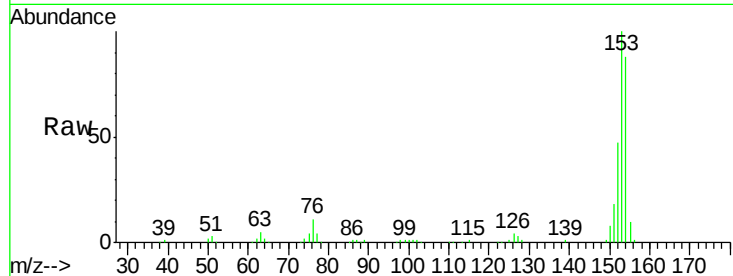
Tot Ion:154 Resp: 246649

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

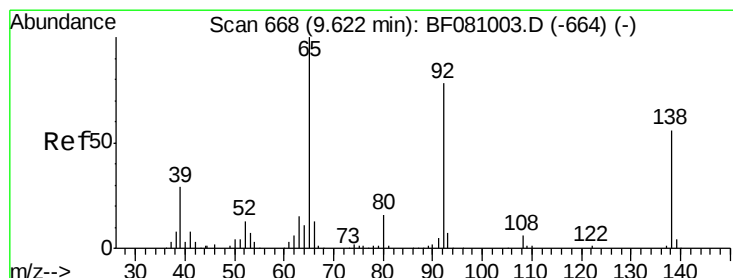
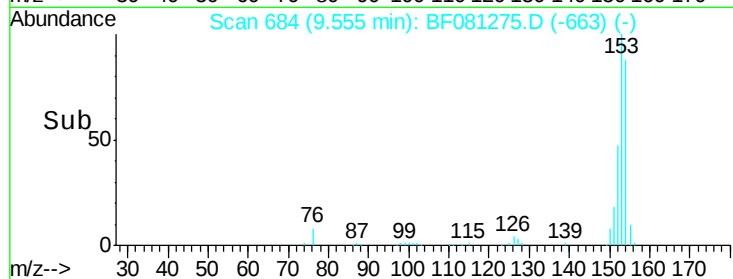
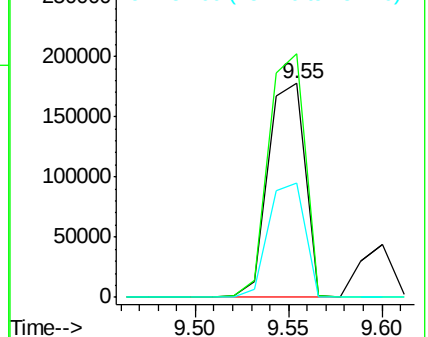
152 53.6 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.67 ng

RT: 9.49 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

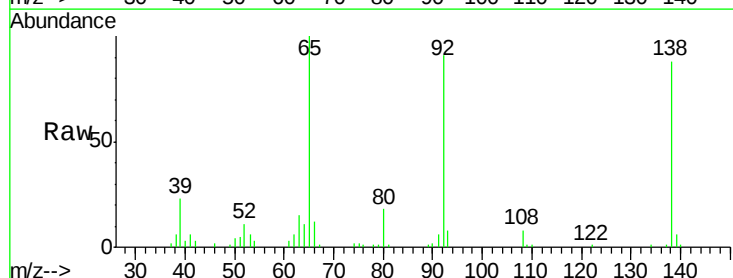
Tgt Ion:138 Resp: 42714

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.2

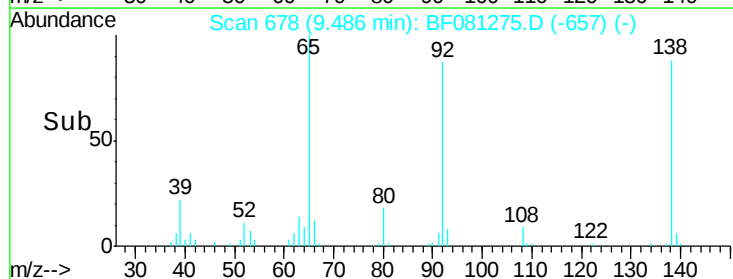
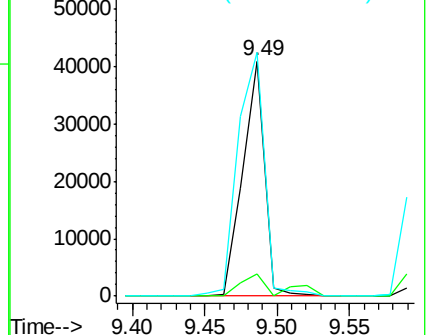
92 103.7 113.2 169.8#

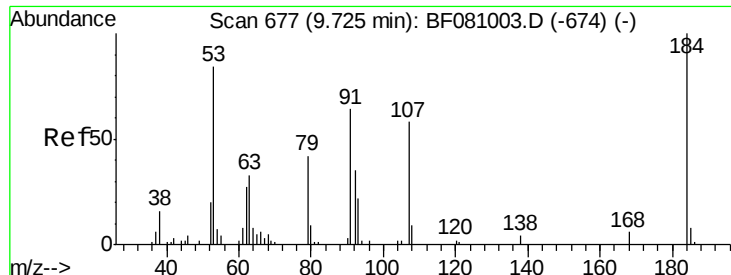


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

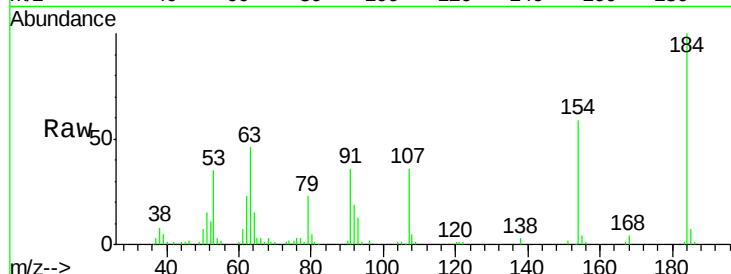




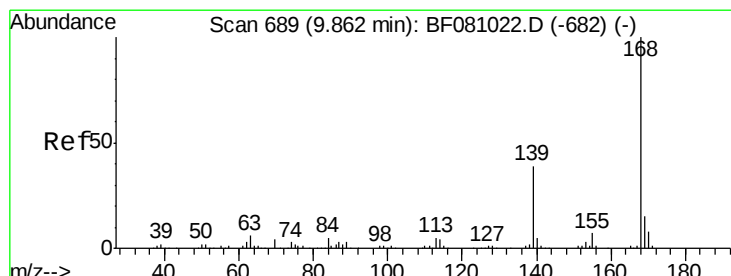
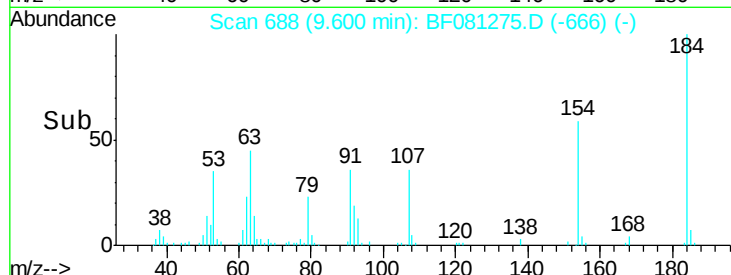
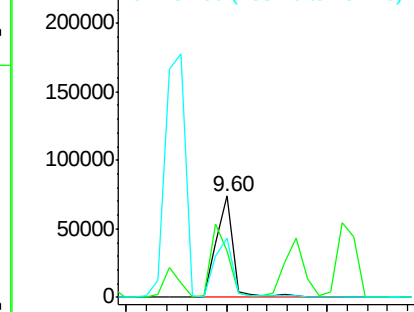
#53
2,4-Dinitrophenol
Concen: 80.61 ng
RT: 9.60 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 87116
Ion Ratio Lower Upper
184 100
63 46.4 101.7 152.5#
154 59.1 67.4 101.0#

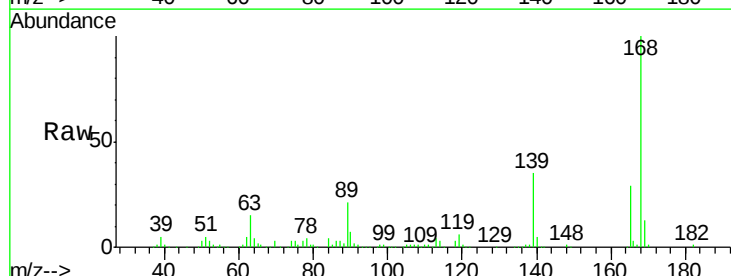


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

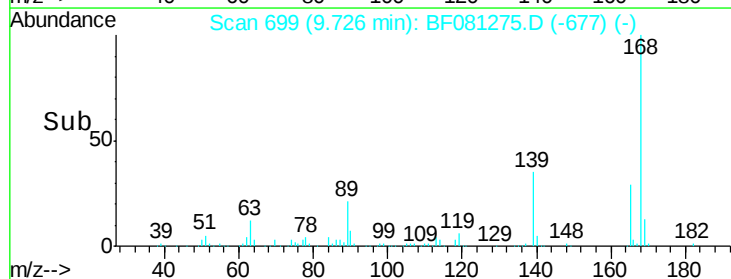
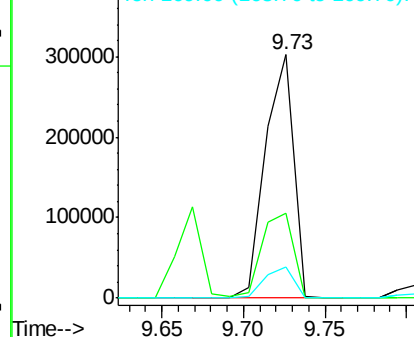


#54
Dibenzofuran
Concen: 32.86 ng
RT: 9.73 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion:168 Resp: 364503
Ion Ratio Lower Upper
168 100
139 35.1 29.3 43.9
169 12.7 10.3 15.5



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





#55

4-Nitrophenol

Concen: 70.29 ng

RT: 9.67 min Scan# 694

Delta R.T. -0.05 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

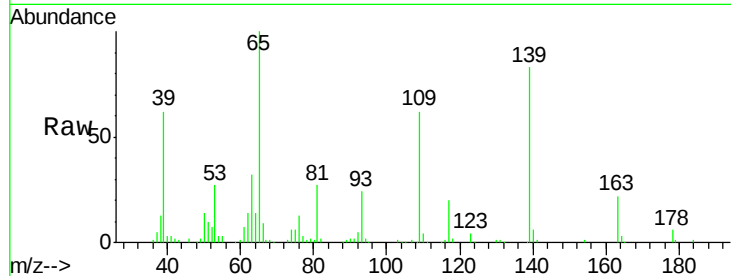
Tot Ion:139 Resp: 119306

Ion Ratio Lower Upper

139 100

109 75.3 80.0 120.0#

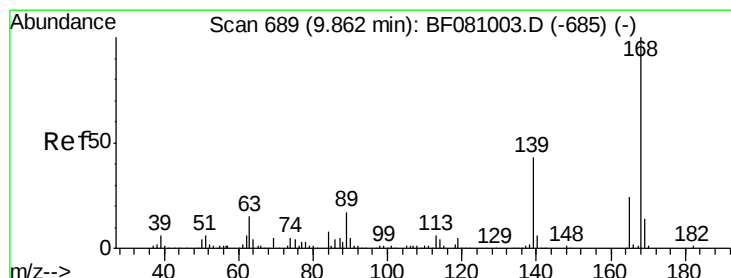
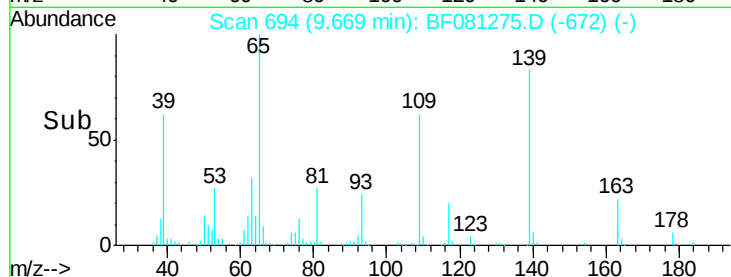
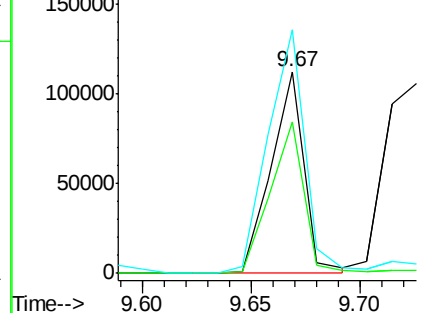
65 120.5 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.85 ng

RT: 9.73 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Tgt Ion:165 Resp: 91770

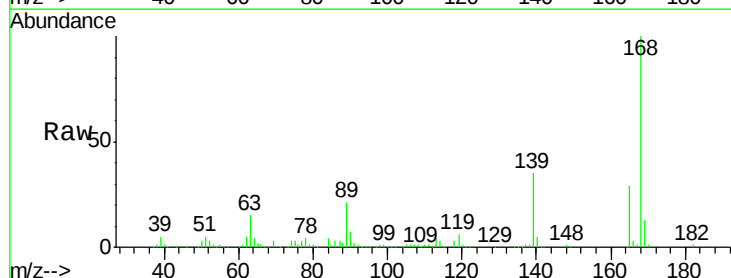
Ion Ratio Lower Upper

165 100

63 49.8 52.2 78.4#

89 72.8 60.1 90.1

182 2.0 1.8 2.6

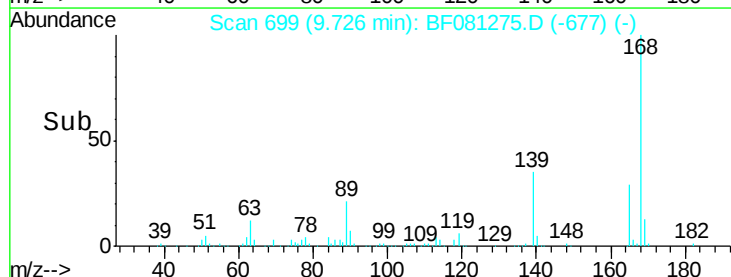
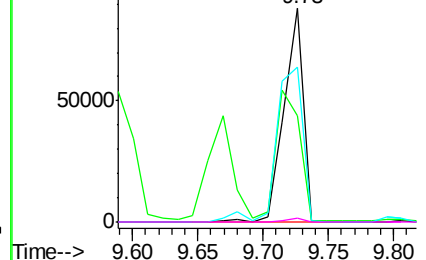


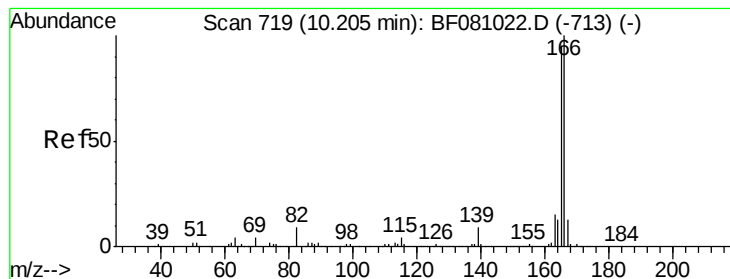
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 29.99 ng

RT: 10.06 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

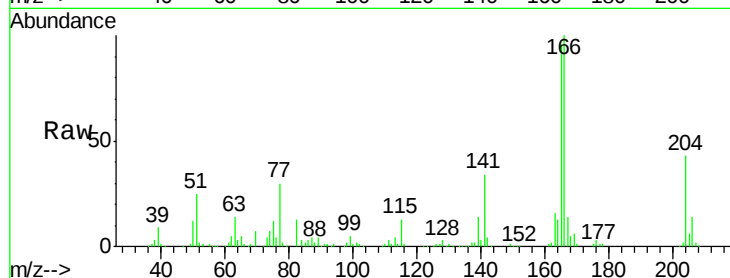
Tot Ion:166 Resp: 255888

Ion Ratio Lower Upper

166 100

165 95.5 75.8 113.8

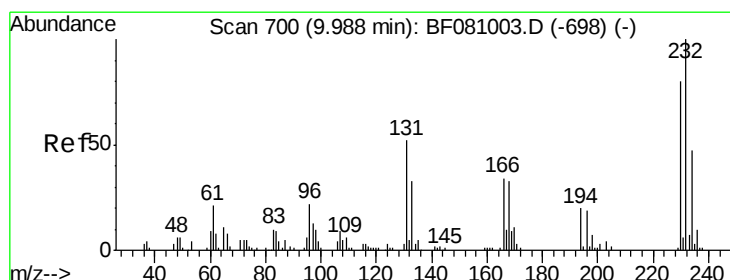
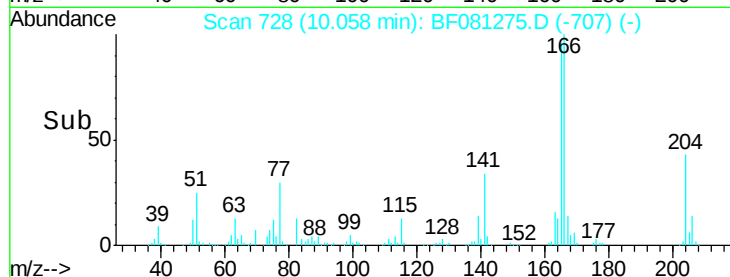
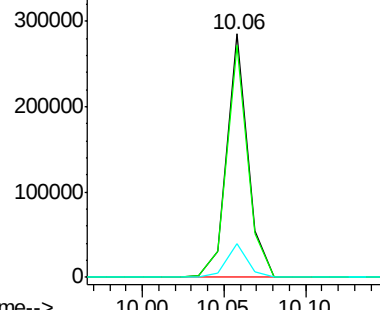
167 14.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.33 ng

RT: 9.81 min Scan# 706

Delta R.T. -0.09 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Tgt Ion:232 Resp: 68027

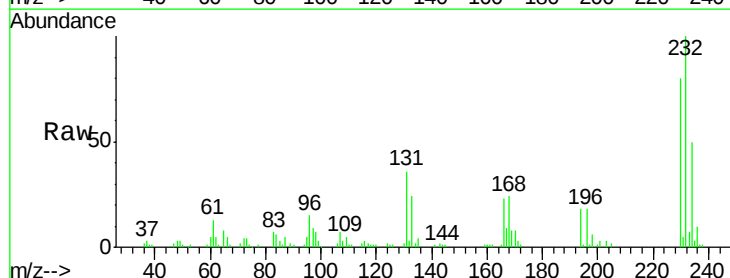
Ion Ratio Lower Upper

232 100

131 47.7 42.2 63.4

130 2.4 2.1 3.1

166 28.2 22.4 33.6

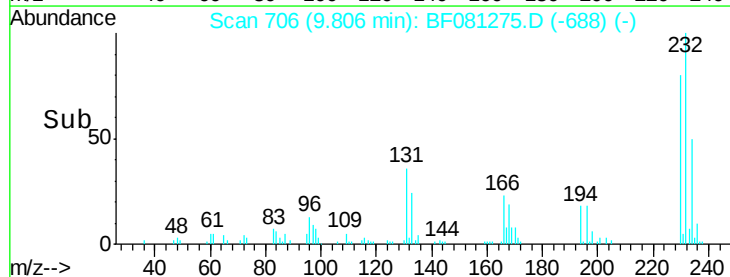
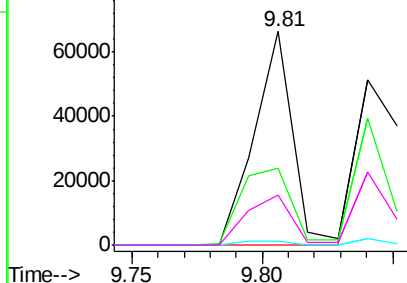


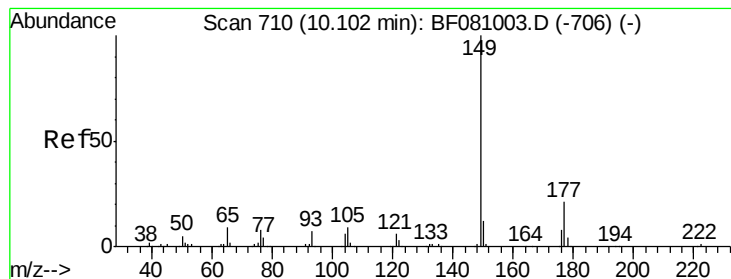
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.93 ng

RT: 9.97 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

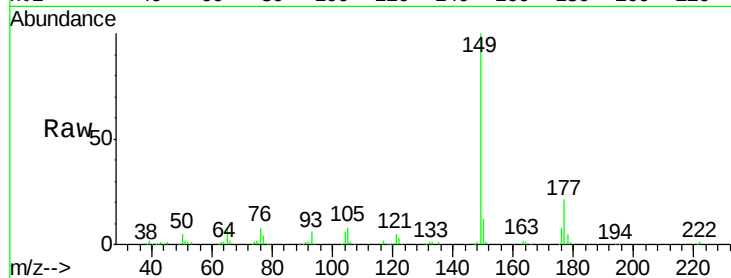
Tot Ion:149 Resp: 332556

Ion Ratio Lower Upper

149 100

177 21.3 14.1 21.1#

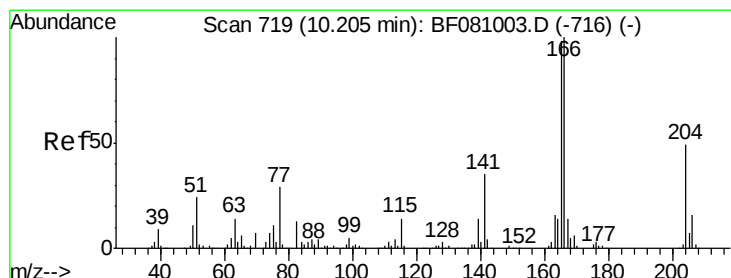
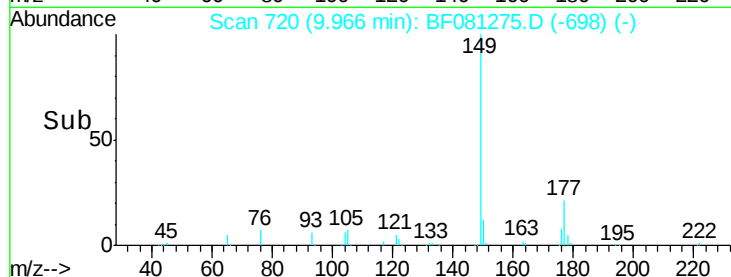
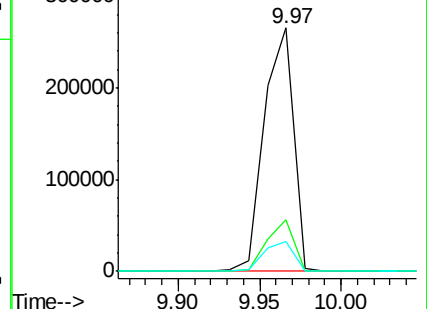
150 12.1 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.20 ng

RT: 10.06 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

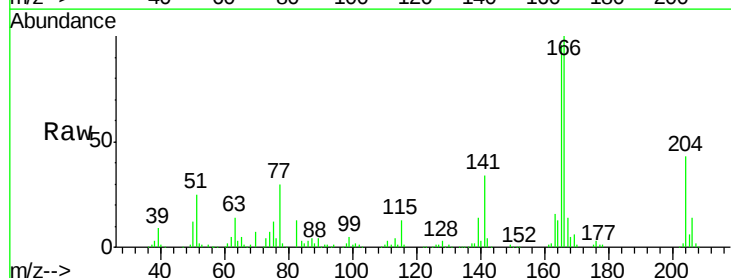
Tgt Ion:204 Resp: 116275

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

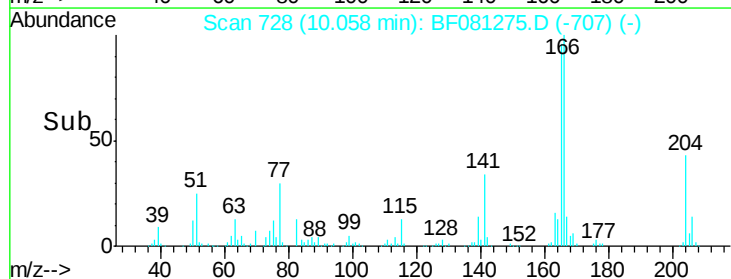
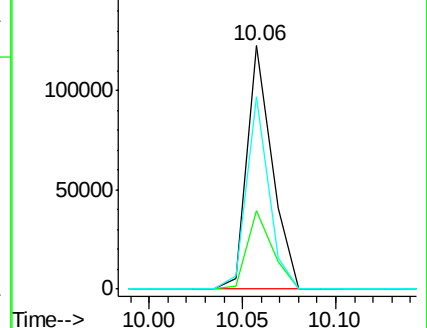
141 78.9 59.6 89.4

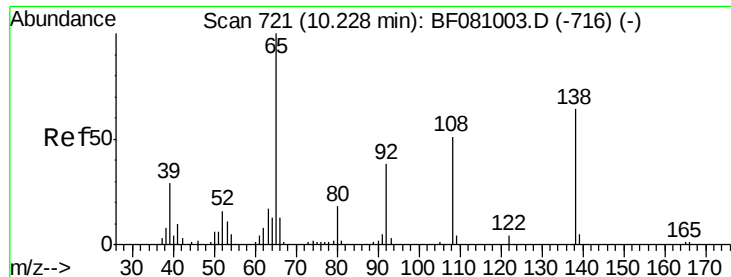


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

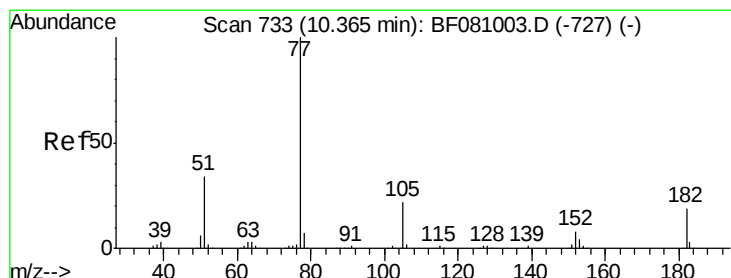
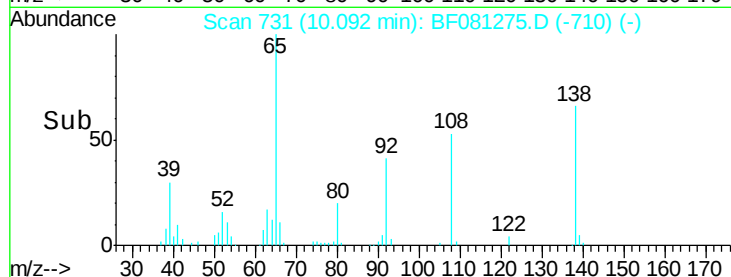
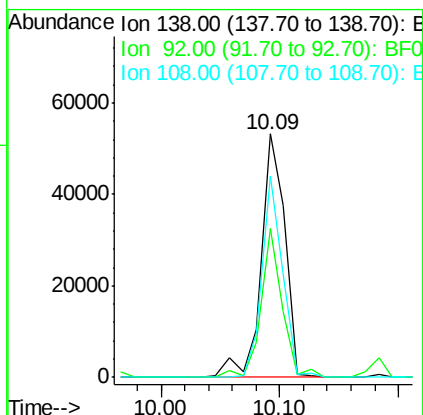
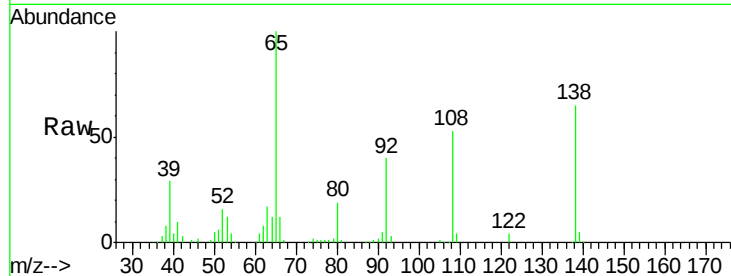




#61
4-Nitroaniline
Concen: 30.03 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

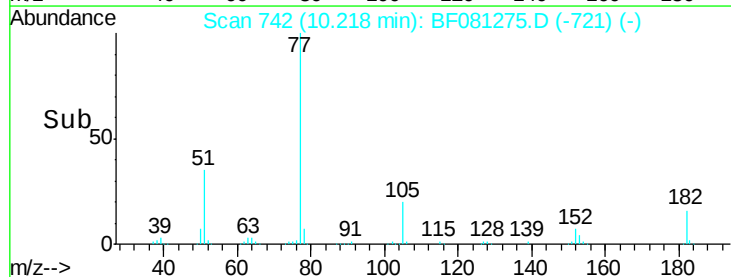
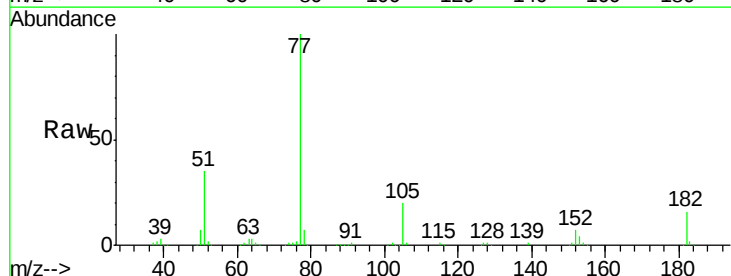
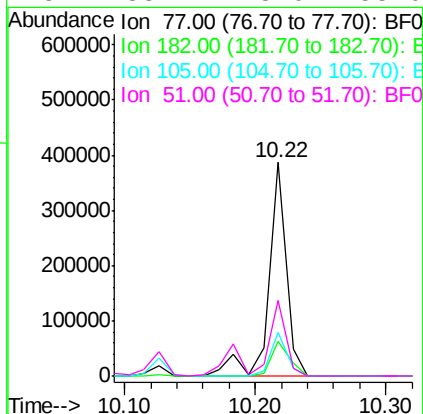
Instrument :
BNA_F
ClientSampleId :

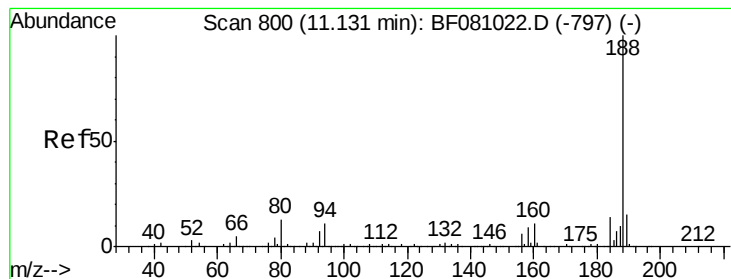
Tot Ion:138 Resp: 74180
Ion Ratio Lower Upper
138 100
92 61.3 34.7 74.7
108 82.6 68.9 108.9



#62
Azobenzene
Concen: 33.90 ng
RT: 10.22 min Scan# 742
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion: 77 Resp: 371966
Ion Ratio Lower Upper
77 100
182 15.9 0.0 39.0
105 20.4 0.2 40.2
51 35.4 18.0 58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

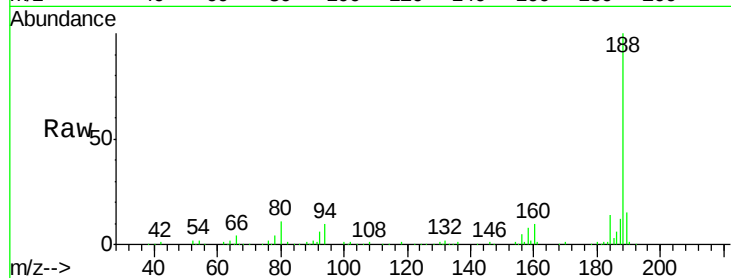
Tot Ion:188 Resp: 217373

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

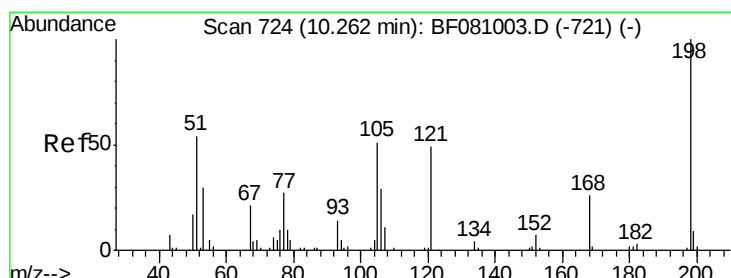
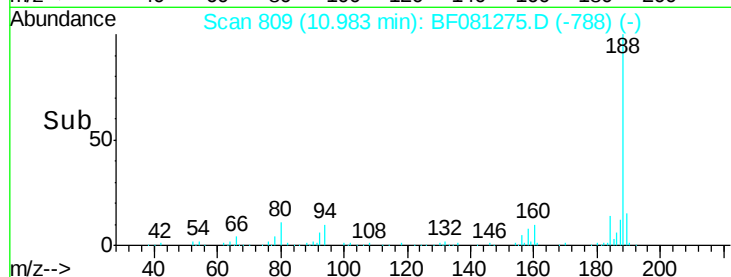
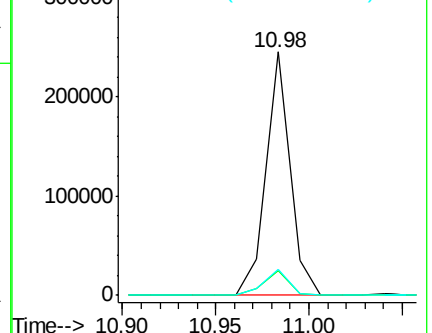
80 10.9 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.18 ng

RT: 10.13 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

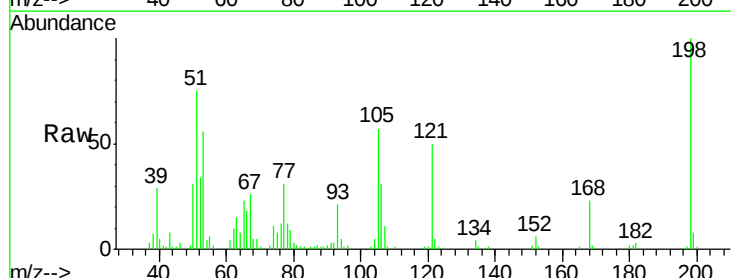
Tgt Ion:198 Resp: 49561

Ion Ratio Lower Upper

198 100

51 74.6 79.7 119.7#

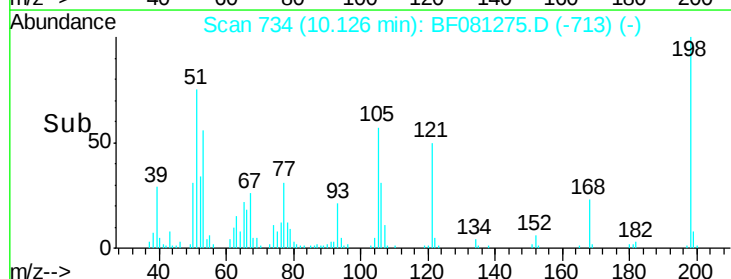
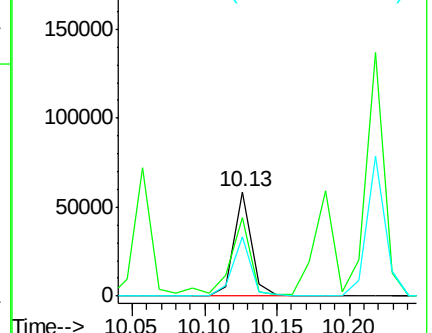
105 56.7 47.0 87.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

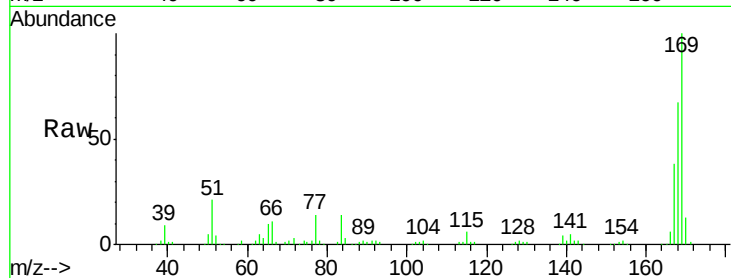




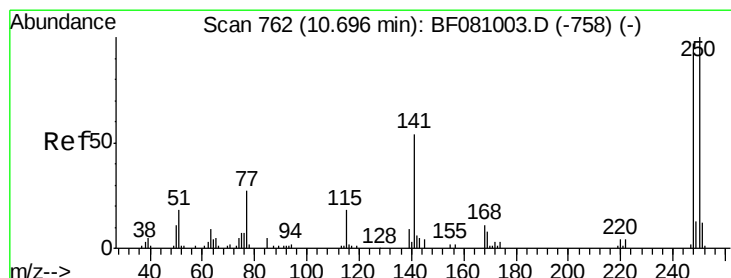
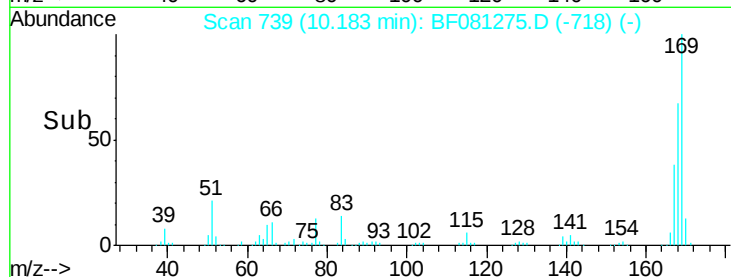
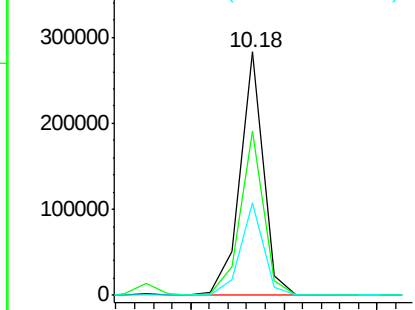
#65
 n-Nitrosodiphenylamine
 Concen: 31.71 ng
 RT: 10.18 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 246033
 Ion Ratio Lower Upper
 169 100
 168 67.3 55.3 82.9
 167 38.1 30.8 46.2

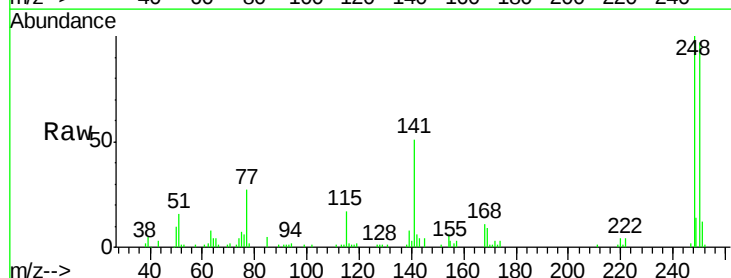


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

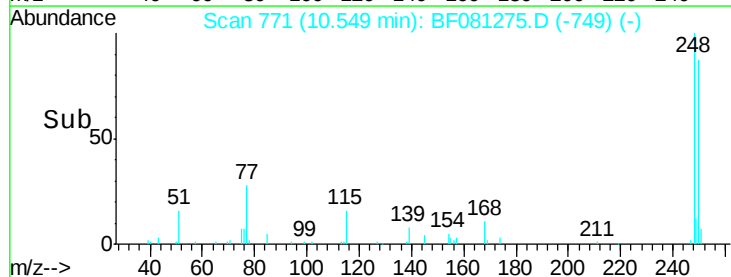
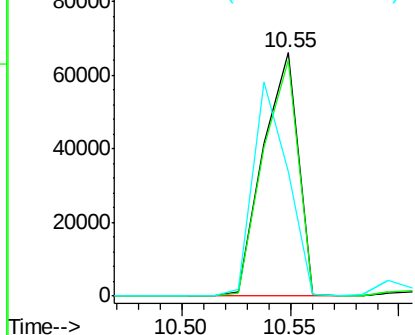


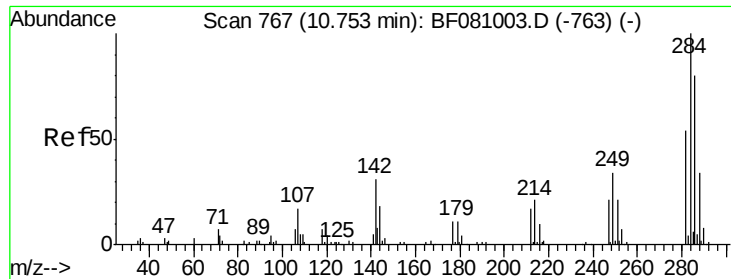
#66
 4-Bromophenyl-phenylether
 Concen: 35.13 ng
 RT: 10.55 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion:248 Resp: 75019
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.8 116.6
 141 51.0 39.8 59.6



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

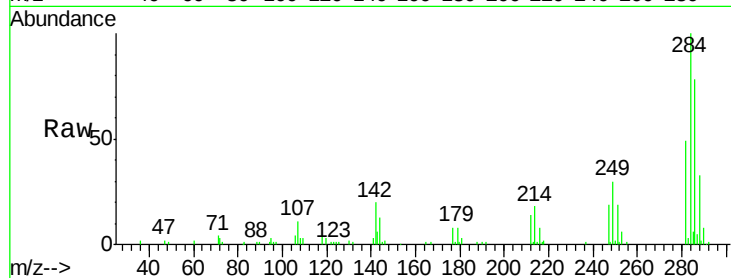




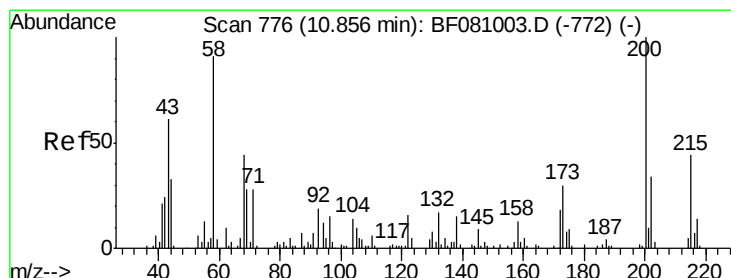
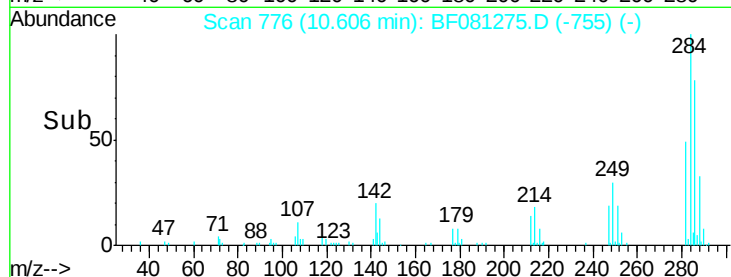
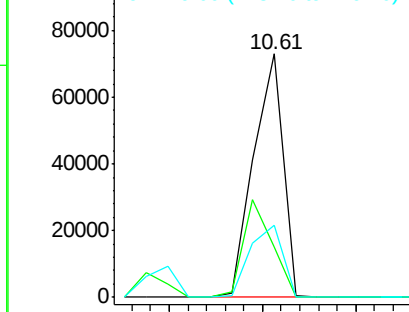
#67
Hexachlorobenzene
Concen: 36.83 ng
RT: 10.61 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 79641
Ion Ratio Lower Upper
284 100
142 20.4 25.4 38.0#
249 29.8 28.5 42.7

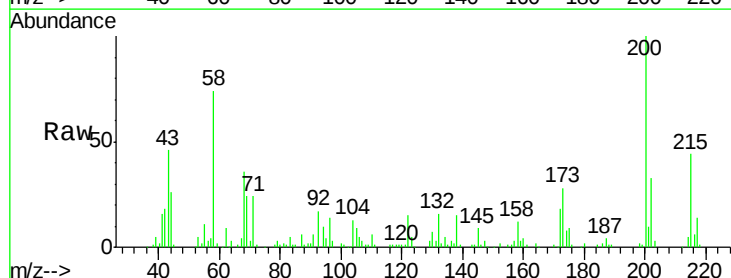


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

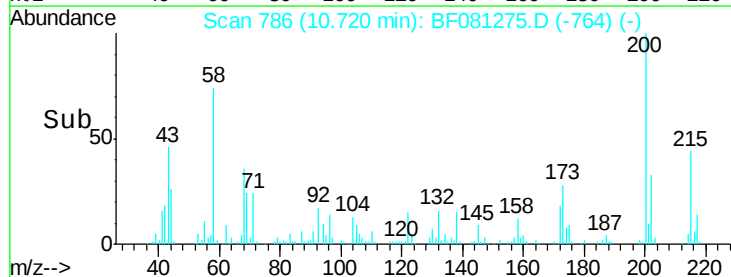
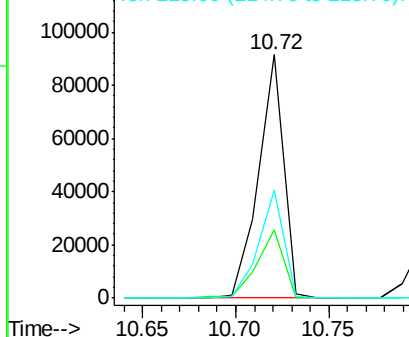


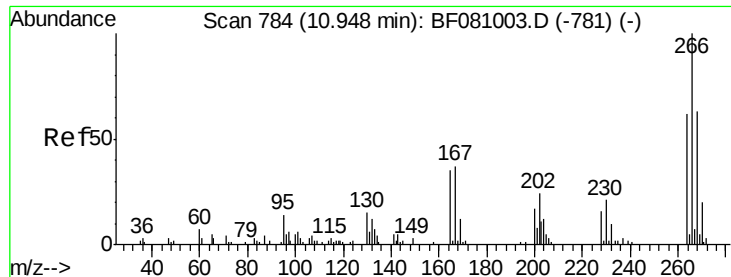
#68
Atrazine
Concen: 39.36 ng
RT: 10.72 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion:200 Resp: 85088
Ion Ratio Lower Upper
200 100
173 28.2 8.1 48.1
215 44.1 23.3 63.3



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

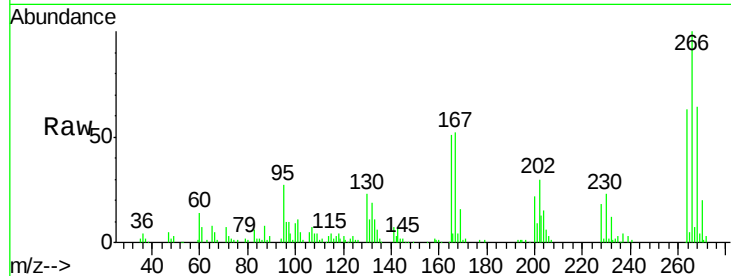




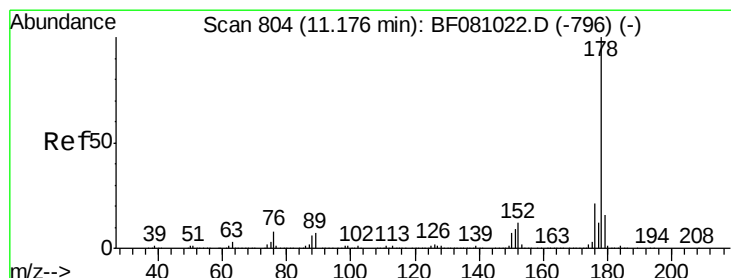
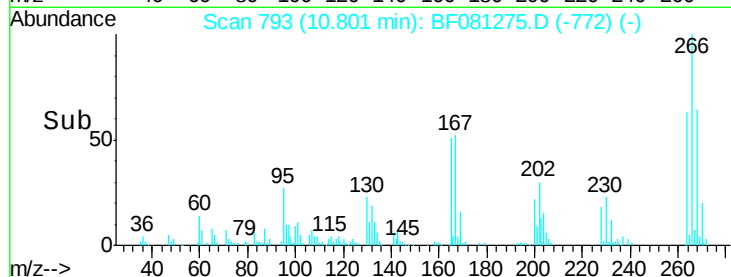
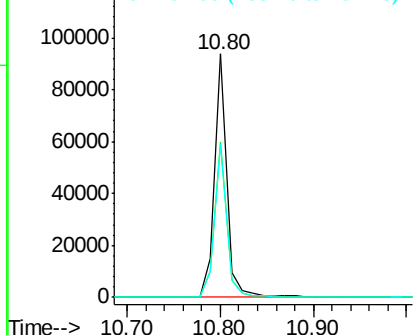
#69
 Pentachlorophenol
 Concen: 66.51 ng
 RT: 10.80 min Scan# 793
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 86305
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.2 76.8
 264 63.0 50.6 75.8

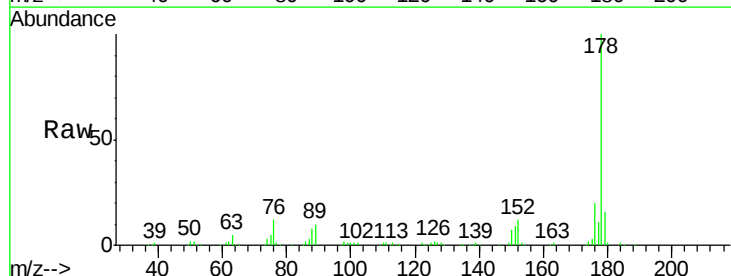


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

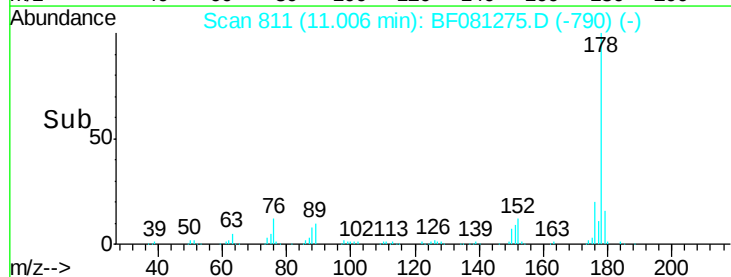
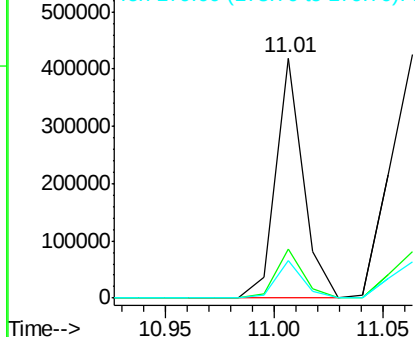


#70
 Phenanthrene
 Concen: 28.79 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion:178 Resp: 370950
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 15.8 12.2 18.2



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





#71

Anthracene

Concen: 35.77 ng

RT: 11.06 min Scan# 816

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

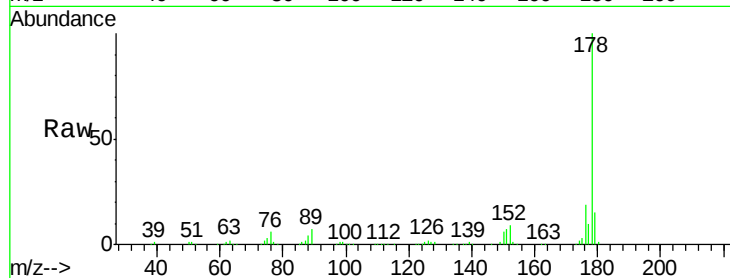
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 448410

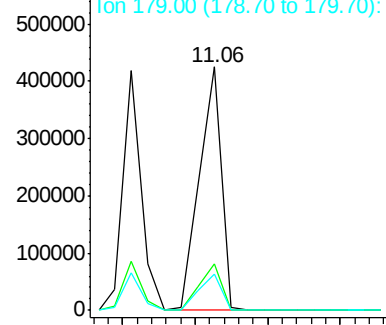
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.1	12.7	19.1



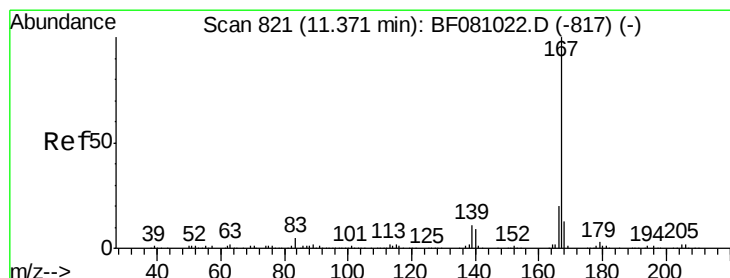
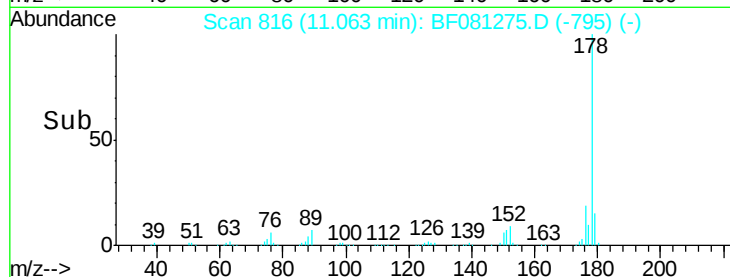
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 37.17 ng

RT: 11.22 min Scan# 830

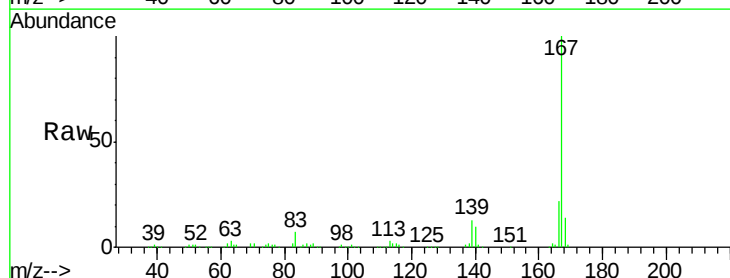
Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Tgt Ion:167 Resp: 448592

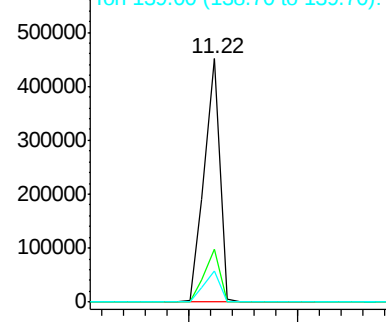
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.9	10.6	16.0



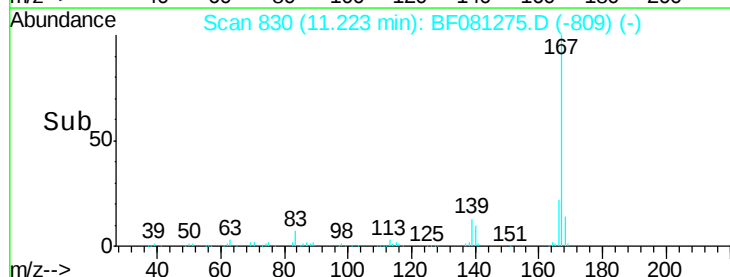
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

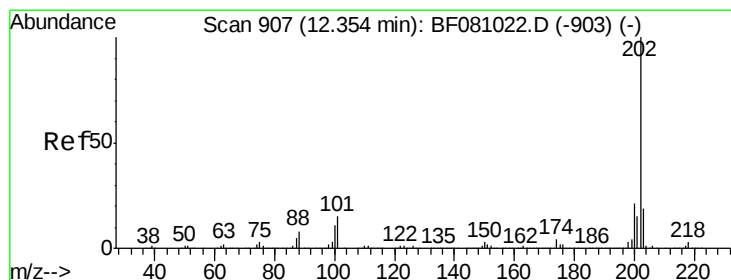
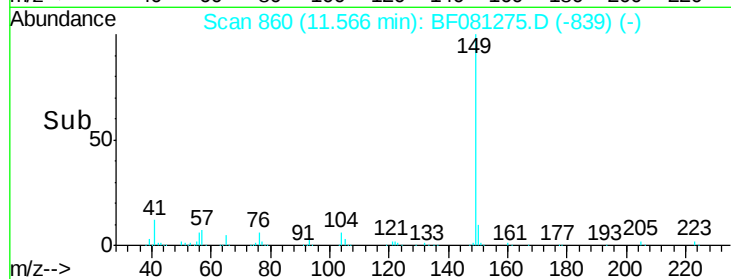
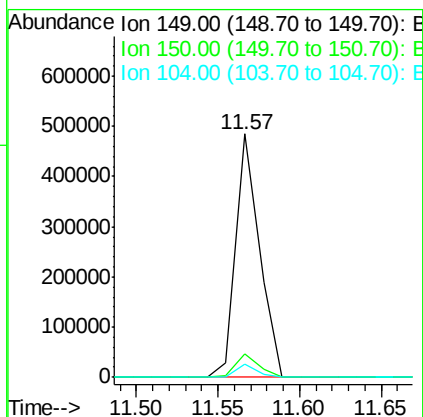
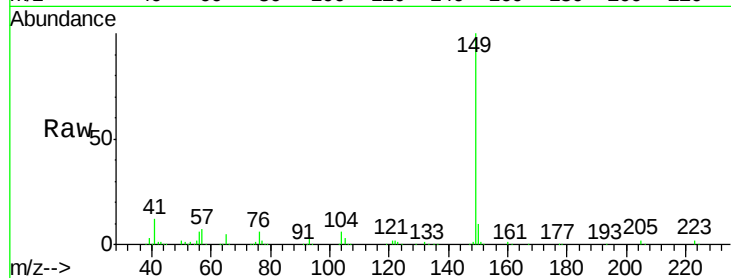




#73
Di-n-butylphthalate
Concen: 33.04 ng
RT: 11.57 min Scan# 860
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

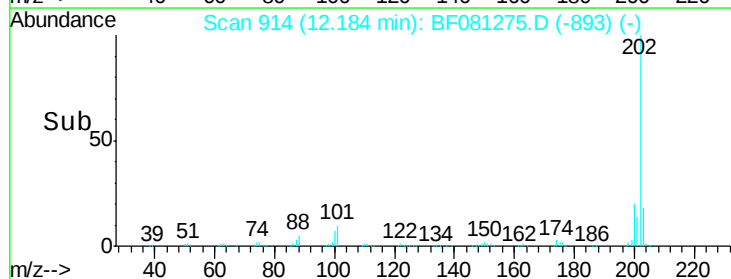
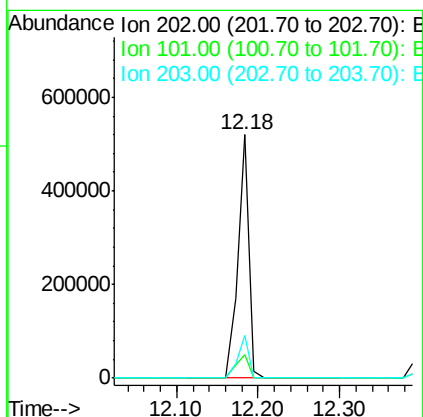
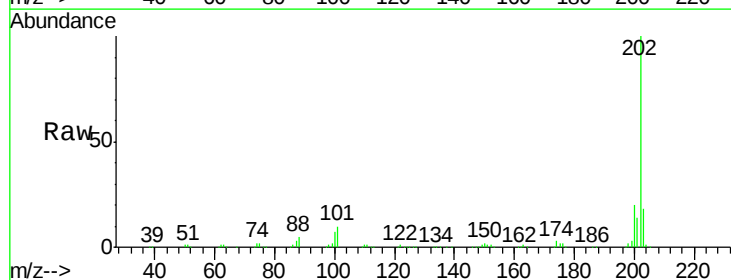
Instrument :
BNA_F
ClientSampleId :

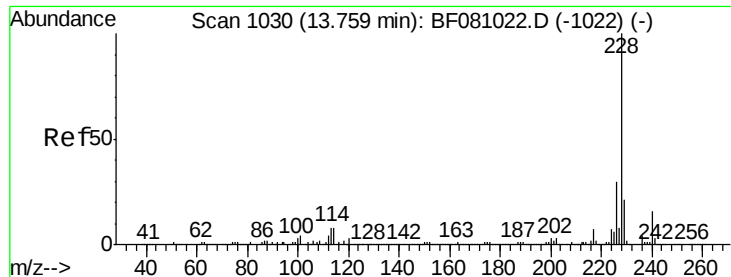
Tot Ion:149 Resp: 482581
Ion Ratio Lower Upper
149 100
150 9.6 7.1 10.7
104 5.6 3.9 5.9



#74
Fluoranthene
Concen: 35.06 ng
RT: 12.18 min Scan# 914
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion:202 Resp: 487415
Ion Ratio Lower Upper
202 100
101 9.7 0.0 24.8
203 17.7 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampled :

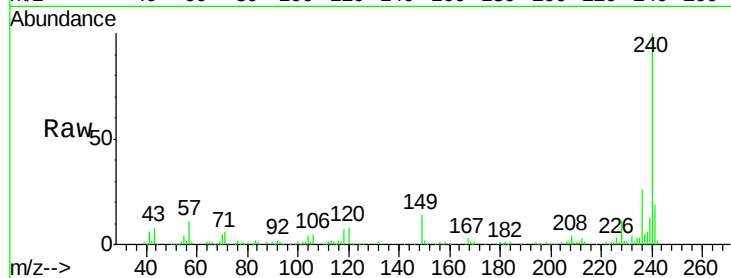
Tot Ion:240 Resp: 185004

Ion Ratio Lower Upper

240 100

120 8.3 5.6 8.4

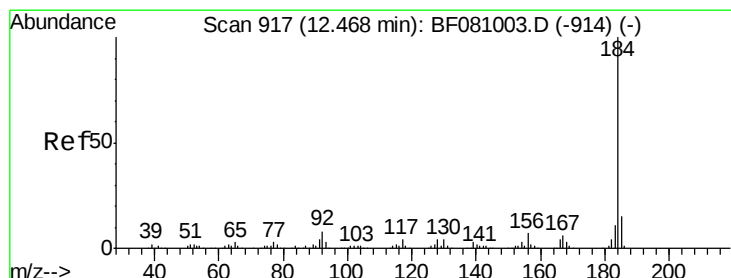
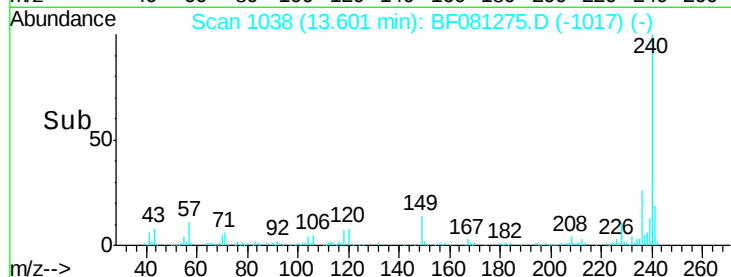
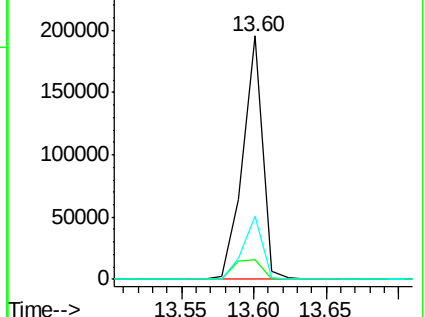
236 25.9 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.85 ng

RT: 12.32 min Scan# 926

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

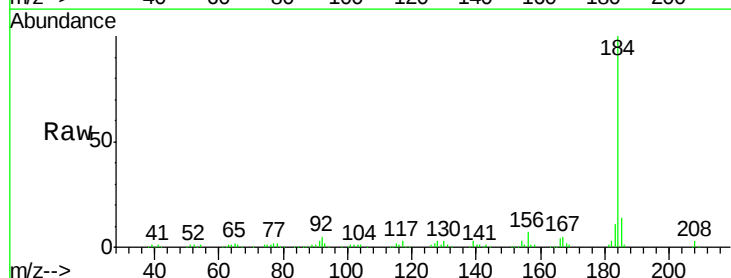
Tgt Ion:184 Resp: 194607

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

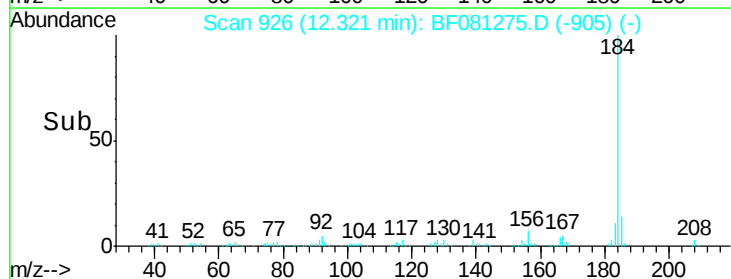
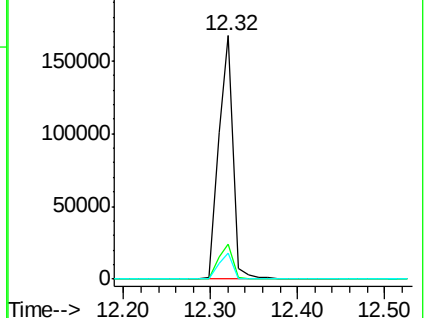
183 10.8 8.9 13.3

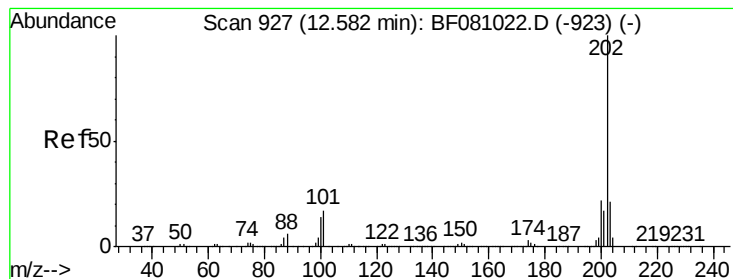


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 29.78 ng

RT: 12.40 min Scan# 933

Delta R.T. -0.07 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

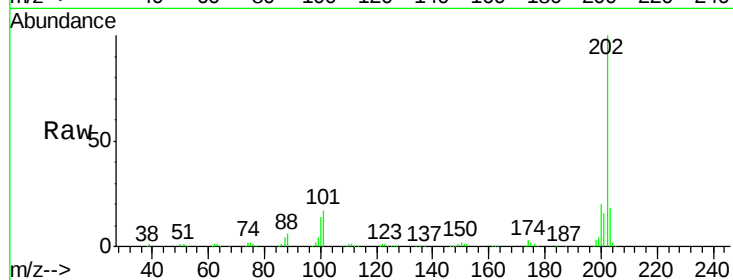
Tot Ion:202 Resp: 447820

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

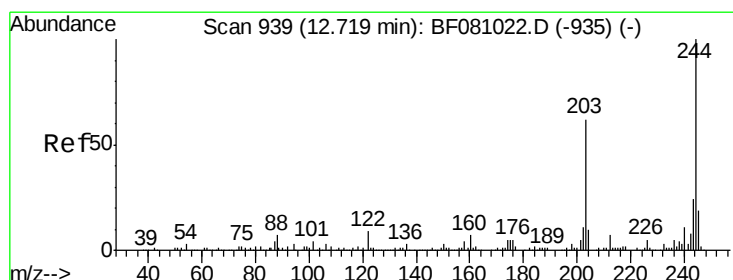
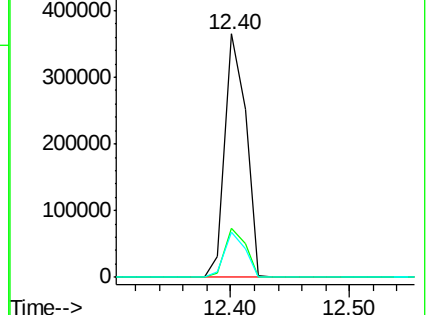
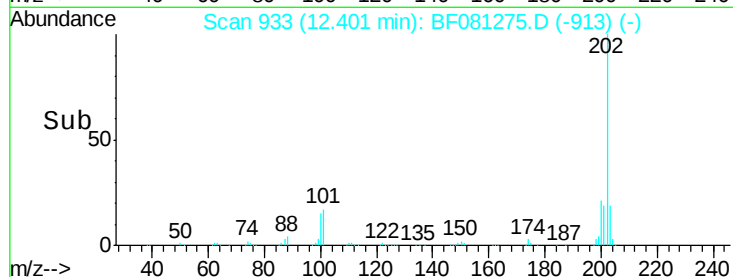
203 18.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.32 ng

RT: 12.56 min Scan# 947

Delta R.T. -0.07 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

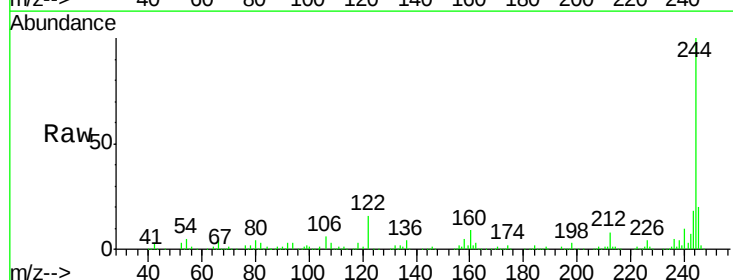
Tgt Ion:244 Resp: 520508

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

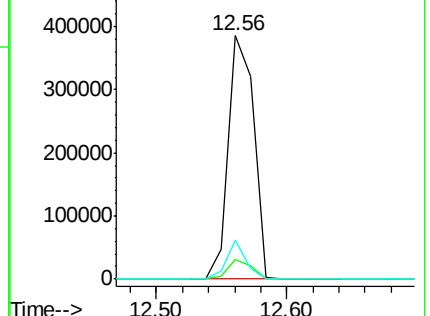
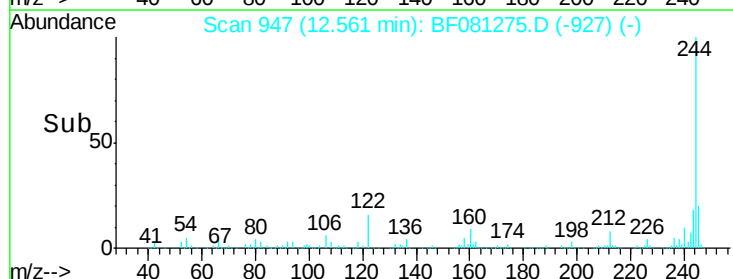
122 16.0 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

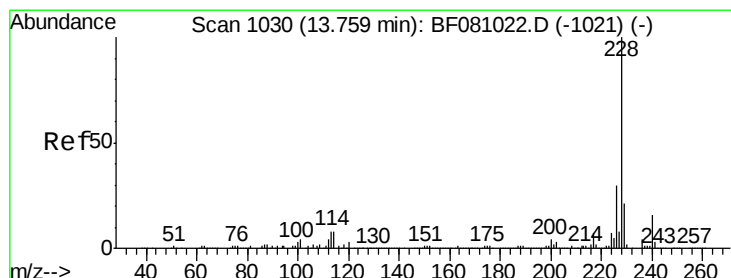
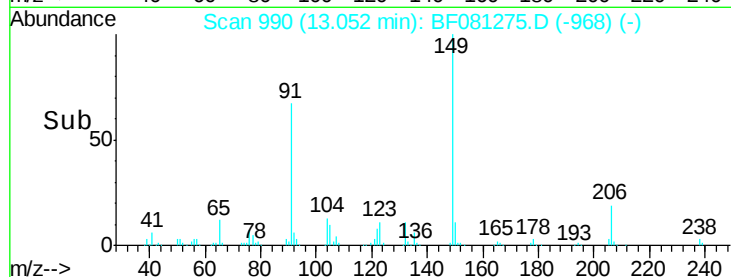
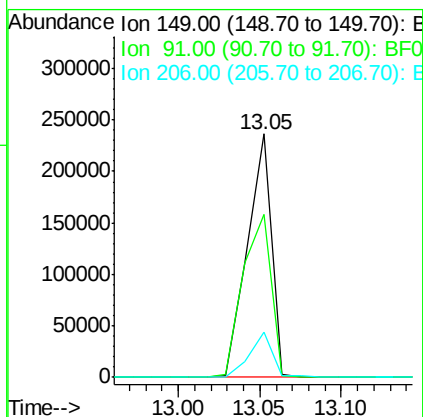
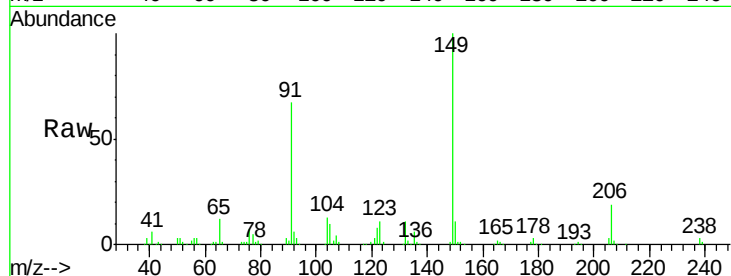




#79
Butylbenzylphthalate
Concen: 37.53 ng
RT: 13.05 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

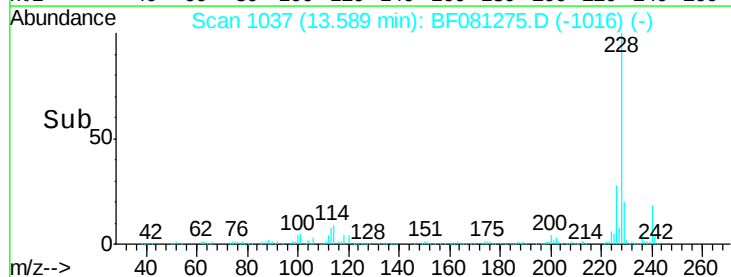
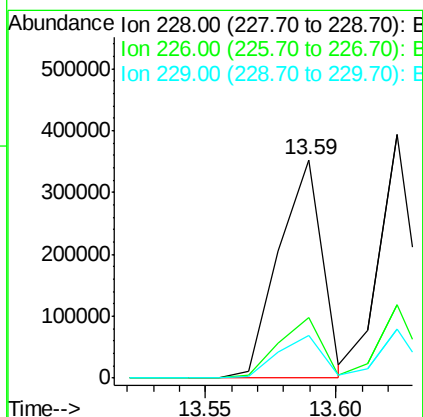
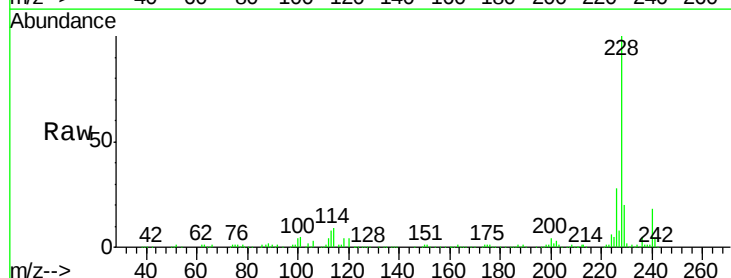
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 242624
Ion Ratio Lower Upper
149 100
91 67.2 46.9 70.3
206 18.7 17.0 25.4



#80
Benzo(a)anthracene
Concen: 32.72 ng
RT: 13.59 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF081275.D
Acq: 29 Aug 2015 17:20

Tgt Ion:228 Resp: 406007
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 19.7 15.9 23.9

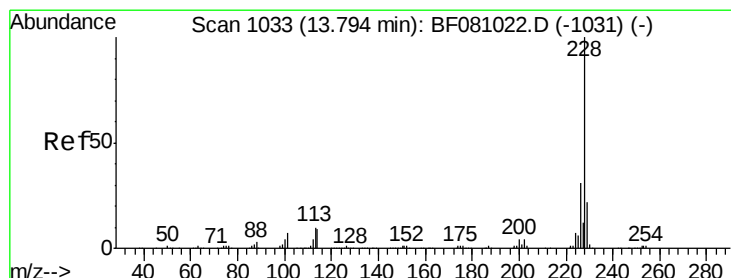
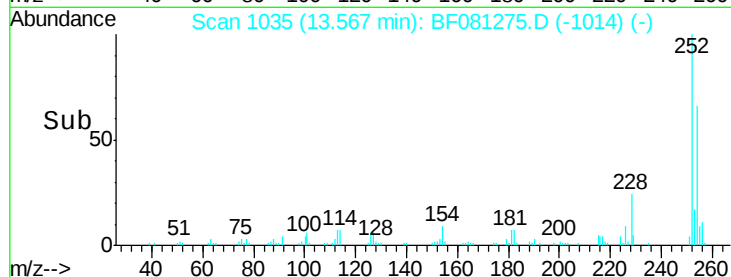
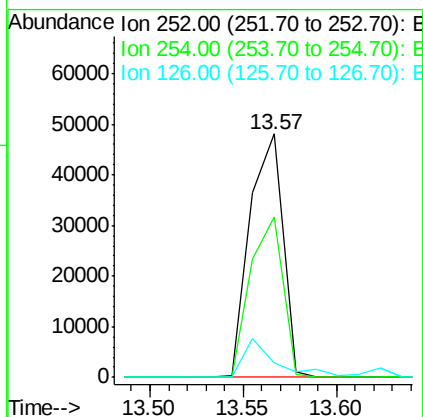
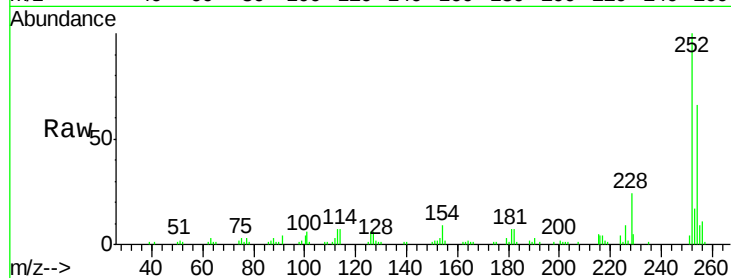




#81
 3,3'-Dichlorobenzidine
 Concen: 14.65 ng
 RT: 13.57 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

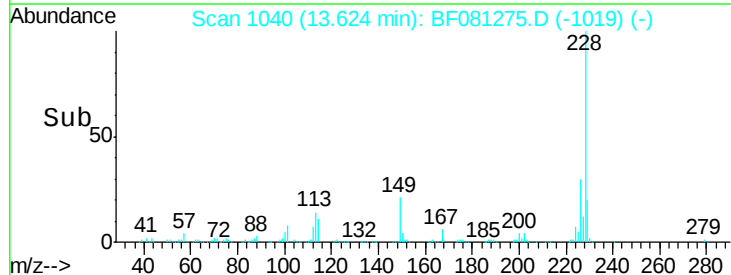
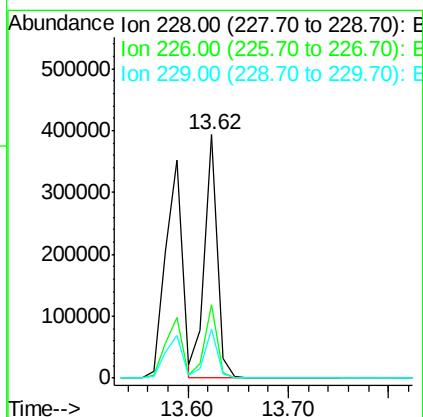
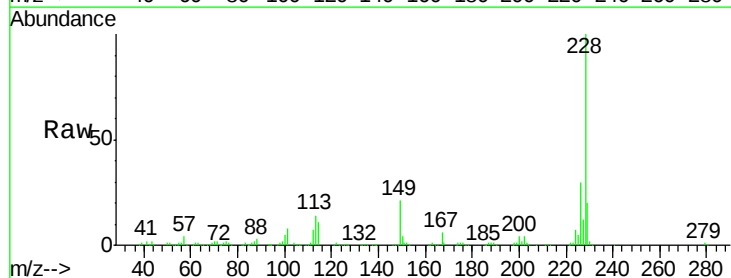
Instrument :
 BNA_F
 ClientSampleId :

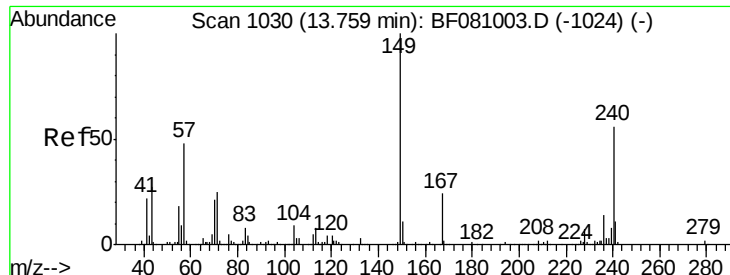
Tot Ion:252 Resp: 58875
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.5 77.3
 126 5.9 12.5 18.7#



#82
 Chrysene
 Concen: 31.41 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion:228 Resp: 351238
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.4 36.6
 229 19.9 16.0 24.0

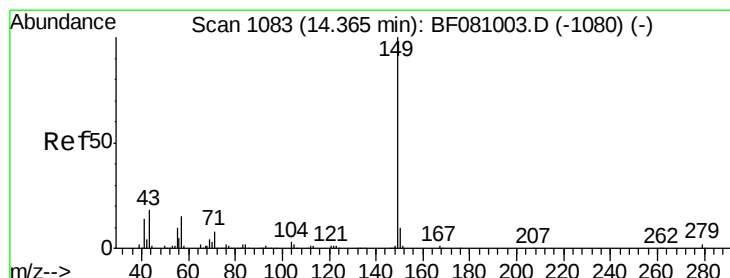
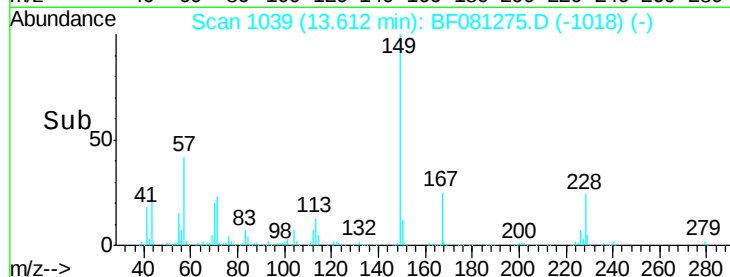
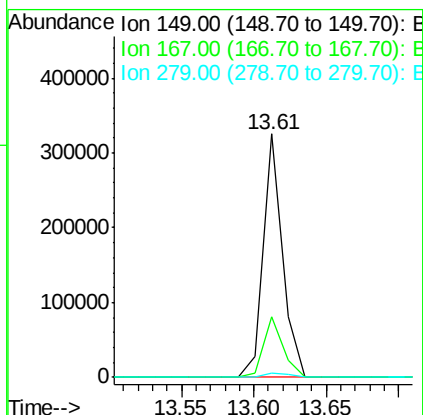
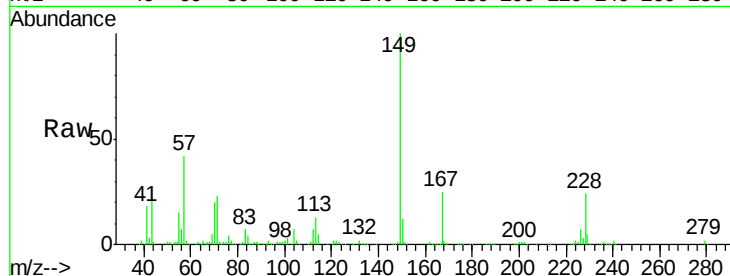




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.30 ng
 RT: 13.61 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

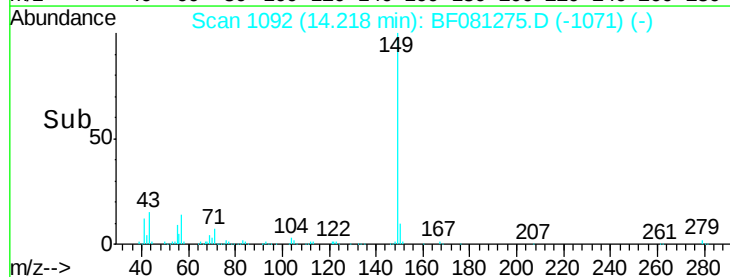
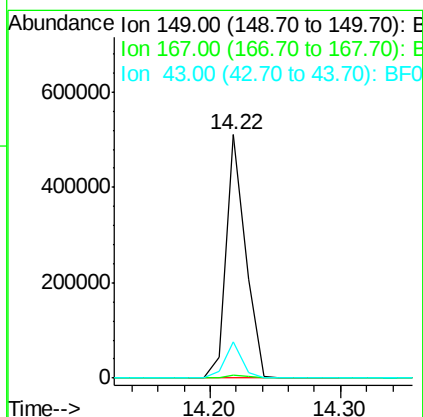
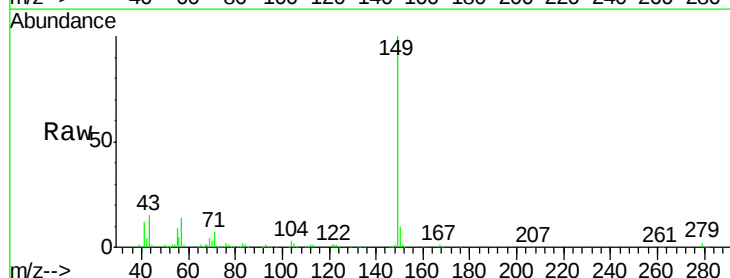
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 300600
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.7 31.1
 279 1.9 2.2 3.4#



#84
 Di-n-octyl phthalate
 Concen: 41.88 ng
 RT: 14.22 min Scan# 1092
 Delta R.T. -0.06 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion:149 Resp: 527074
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 13.6 11.6 17.4

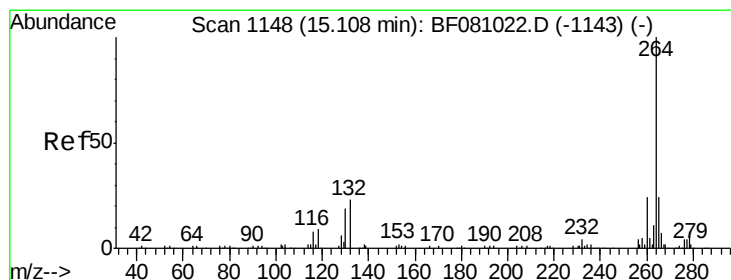
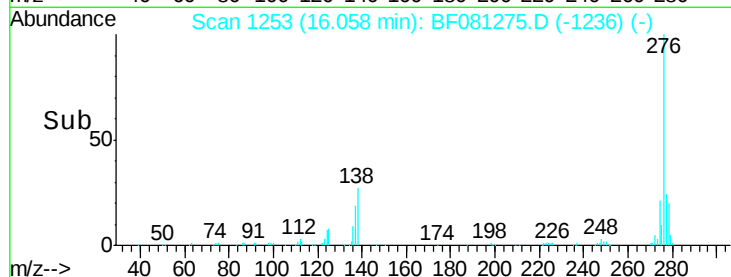
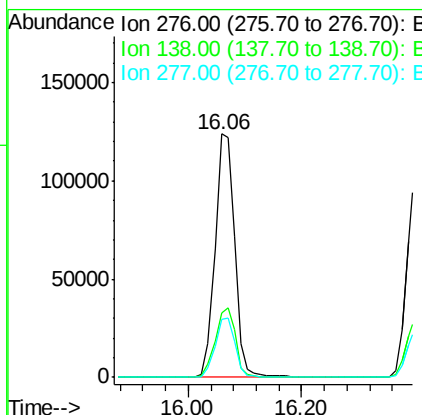
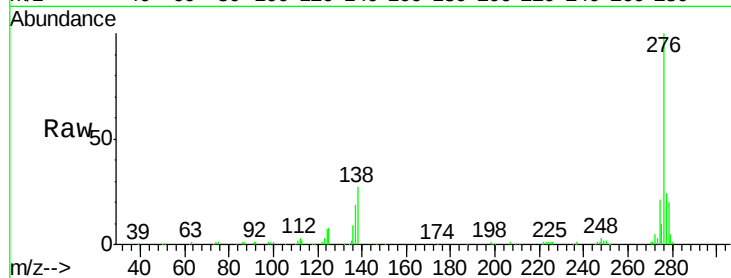




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.88 ng
 RT: 16.06 min Scan# 1253
 Delta R.T. -0.10 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

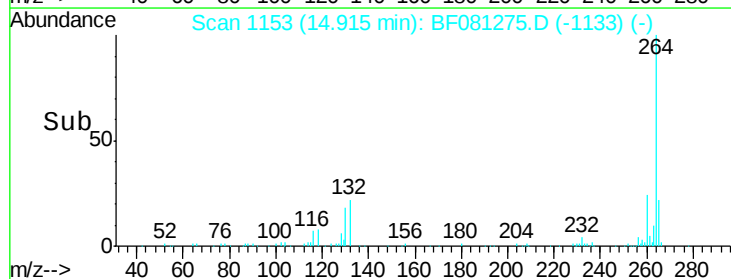
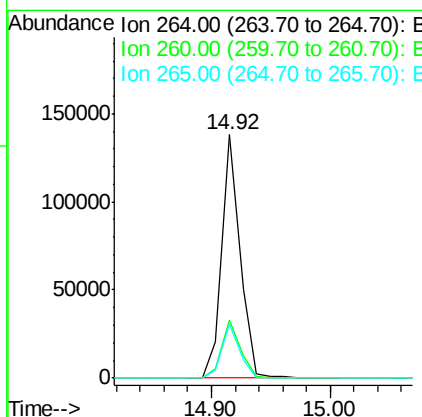
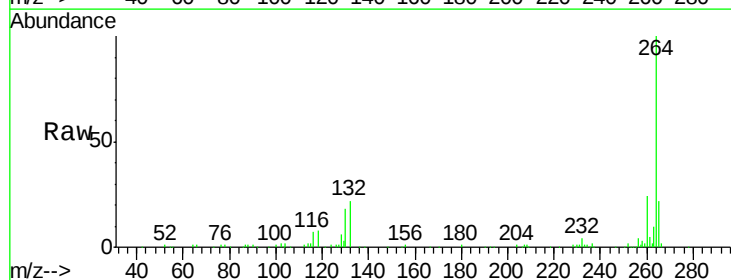
Instrument :
 BNA_F
 ClientSampleId :

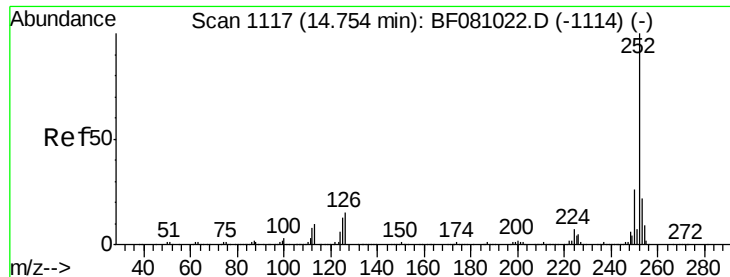
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.6	28.0#
277	24.4	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 67.91 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampled :

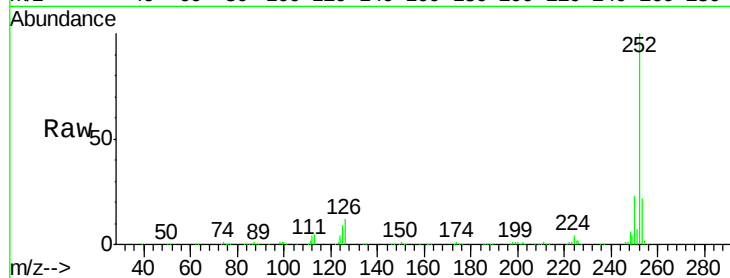
Tot Ion:252 Resp: 704492

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

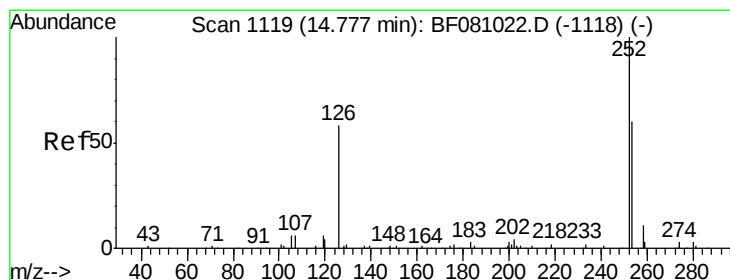
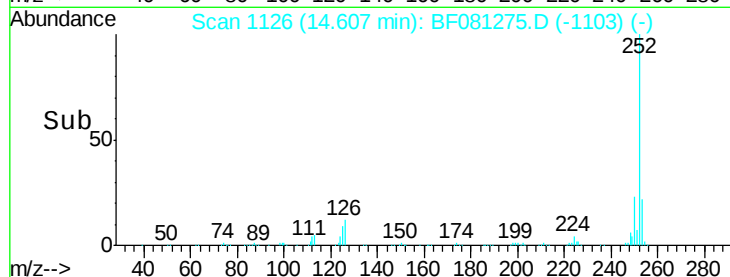
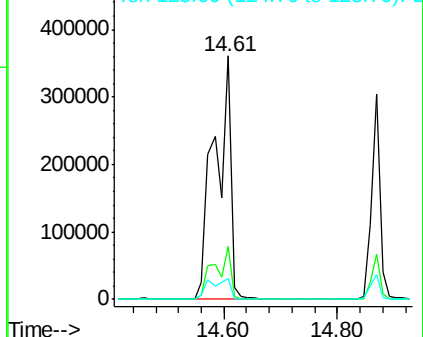
125 8.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 72.88 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

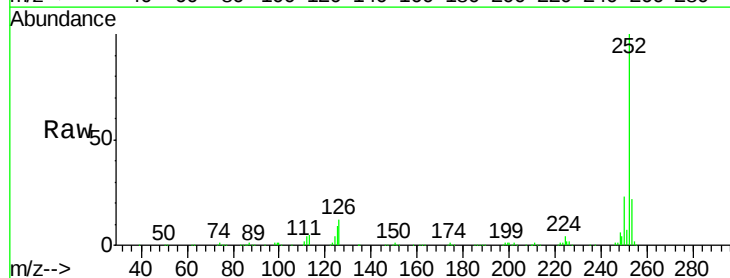
Tgt Ion:252 Resp: 704492

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

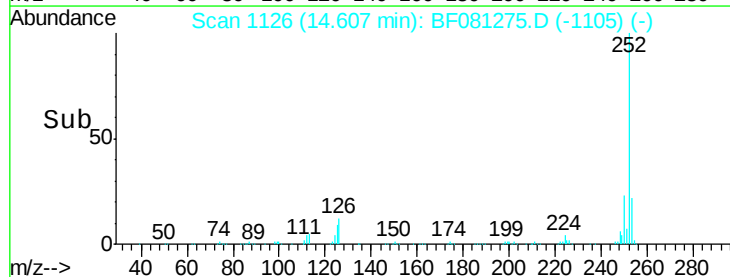
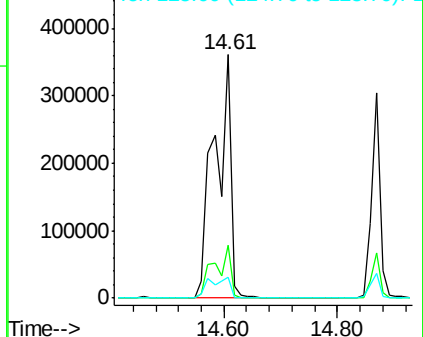
125 8.5 10.3 15.5#

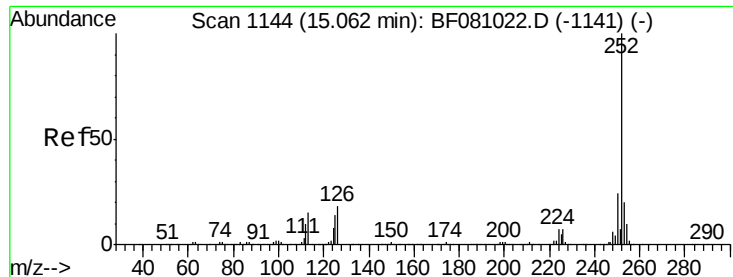


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.01 ng

RT: 14.87 min Scan# 1149

Delta R.T. -0.07 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

Instrument :

BNA_F

ClientSampleId :

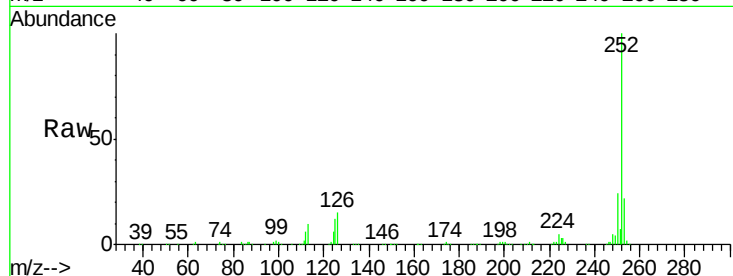
Tot Ion:252 Resp: 325529

Ion Ratio Lower Upper

252 100

253 21.8 16.6 25.0

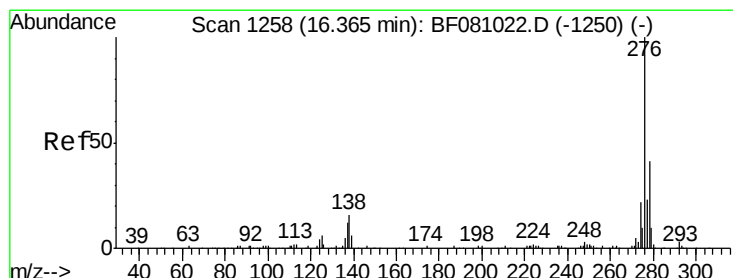
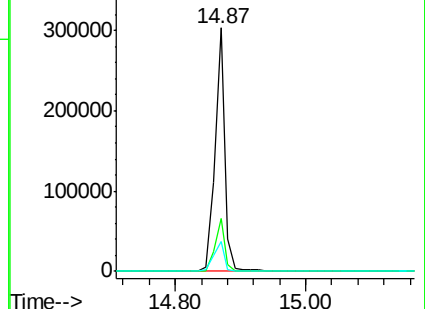
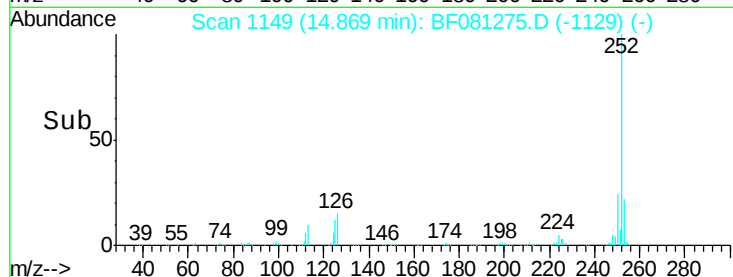
125 12.2 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.17 ng

RT: 16.08 min Scan# 1255

Delta R.T. -0.10 min

Lab File: BF081275.D

Acq: 29 Aug 2015 17:20

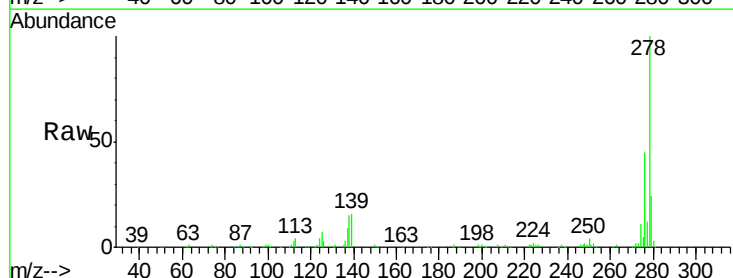
Tgt Ion:278 Resp: 247734

Ion Ratio Lower Upper

278 100

139 16.5 10.8 16.2#

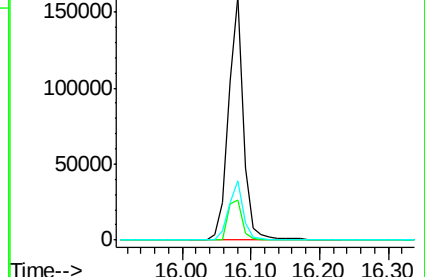
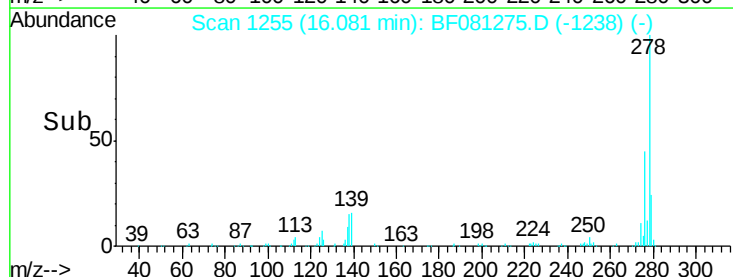
279 24.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

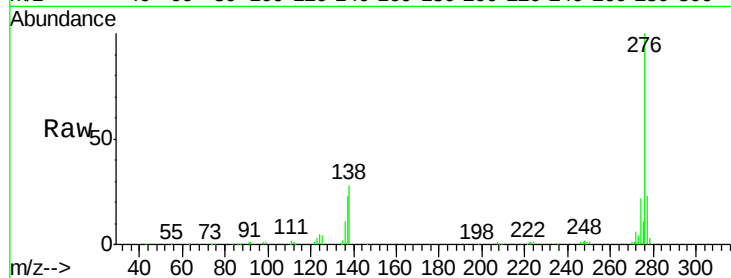




#91
 Benzo(a,h,i)perylene
 Concen: 33.31 ng
 RT: 16.40 min Scan# 1283
 Delta R.T. -0.12 min
 Lab File: BF081275.D
 Acq: 29 Aug 2015 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.2
138	27.5	13.7	20.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

